

<b>Work Order</b>	118865 (DWO) NEWPP-BPANN (Belt Press0	<b>Scheduled Start Date</b>	03/07/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	A061 NEWPP-BPANN (Belt Press0	<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	128330
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	603092 (DWO) BELT PRESS (09BP01)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M967	<b>Estimated Hours</b>	2
<b>Manufacturer</b>			
<b>Equipment Model</b>	Klampress 85	<b>Estimated Cost</b>	57.27
<b>Equipment Serial Number</b>	57632-1464	<b>Actual Cost</b>	33.07
<b>Date Started</b>	03/10/2010	<b>Date Completed</b>	03/10/2010

**Work Order Comments**

**128330 [03/10/2010 12:25]:**

PM's on this equipment are performed by the contractor

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	A061	NEWPP-PM-Belt Press
					<b>121419 [08/26/2008 08:35]:</b>
					- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)
					- LOCKOUT/TAGOUT EQUIPMENT
					- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-
					- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION
					Wipe down all surfaces of the components to be worked on.
					Before applying grease
2	803.2	1	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
2		BESHEARS, GARLAND	03/10/2010	BASE	1	33.07	33.07
					<b>Subtotal</b>		<b>33.07</b>
					<b>Total</b>		<b>33.07</b>

<b>Work Order</b>	150900 (DWO) need to replace sump pump starter	<b>Scheduled Start Date</b>	07/09/2009
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	ELECT ELECTRICAL PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	133895 Trujillo, Kevin	<b>Assigned To</b>	102898
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	603092 (DWO) BELT PRESS (09BP01)		
<b>Location</b>		<b>Estimated Hours</b>	4
<b>Equipment</b>	M967		
<b>Manufacturer</b>		<b>Estimated Cost</b>	104.38
<b>Equipment Model</b>	Klampress 85	<b>Actual Cost</b>	90.46
<b>Equipment Serial Number</b>	57632-1464		
<b>Date Started</b>	07/09/2009	<b>Date Completed</b>	08/13/2009

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	523.2	2	1		
2	528.2	2	1		

**Scheduled Hours**

Activity	Task	Employee	Start Time	Hours	Rate	Line Total
1		HUTCHINS, WESLEY	07/13/2009	2	26.77	53.54

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		HUTCHINS, WESLEY	07/09/2009	N	2	26.77	53.54
						<b>Subtotal</b>	<b>53.54</b>
2		TRUJILLO, KEVIN	07/09/2009	N	2	18.46	36.92
						<b>Subtotal</b>	<b>36.92</b>
						<b>Total</b>	<b>90.46</b>

<b>Work Order</b>	153302 (DWO)	Utility water booster pump inlet piping blown	<b>Scheduled Start Date</b>	07/10/2009
<b>Status</b>	Completed		<b>WO Type</b>	CM
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P2
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>			<b>Safety</b>	N
<b>Problem Code</b>	MAINT	MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	133897	Kenley, Eric Scott	<b>Assigned To</b>	
<b>Project</b>			<b>Assigned By</b>	096216
<b>Standard WO</b>				
<b>Equipment</b>	603092 (DWO)	BELT PRESS (09BP01)	<b>Estimated Hours</b>	2
<b>Location</b>			<b>Estimated Cost</b>	50.84
<b>Equipment</b>	M967		<b>Actual Cost</b>	50.84
<b>Manufacturer</b>				
<b>Equipment Model</b>	Klampress 85			
<b>Equipment Serial Number</b>	57632-1464			
<b>Date Started</b>	07/10/2009		<b>Date Completed</b>	07/14/2009

**Work Order Comments**

*133897 [07/10/2009 13:03]:*  
 Utility water booster pump inlet piping blown-replaced inlet piping-OK  
 133897-2.0hrs-7/10/09

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	2	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		KENLEY, ERIC	07/10/2009	BASE	2	25.42	50.84
						<b>Subtotal</b>	<b>50.84</b>
						<b>Total</b>	<b>50.84</b>

<b>Work Order</b>	223270 (DWO) Sum pump lost power	<b>Scheduled Start Date</b>	11/06/2009
<b>Status</b>	Completed	<b>WO Type</b>	BRKD
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P2
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	122522 Nguyen, Long D.	<b>Assigned To</b>	122522
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	603092 (DWO) BELT PRESS (09BP01)		
<b>Location</b>		<b>Estimated Hours</b>	2.5
<b>Equipment</b>	M967		
<b>Manufacturer</b>		<b>Estimated Cost</b>	75.13
<b>Equipment Model</b>	Klampress 85	<b>Actual Cost</b>	69.94
<b>Equipment Serial Number</b>	57632-1464		
<b>Date Started</b>	11/06/2009	<b>Date Completed</b>	11/16/2009

**Work Order Comments**

*128330 [11/12/2009 14:41]:*

Checked sump pump were tripped reset pumps check operations monitor status

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	523.2	1.5	1		
2	441.3	1	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
2		NGUYEN, LONG	11/06/2009	N	2	34.97	69.94
						<b>Subtotal</b>	<b>69.94</b>
						<b>Total</b>	<b>69.94</b>

<b>Work Order</b>	225864 (DWO) Communication Lost Between Belt Press 2 HMI and PLC-2. (Eq.#603099Unavailable)	<b>Scheduled Start Date</b>	12/02/2009
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P2
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	SCADA SCADA / INSTRUMENTATION	<b>Equip Criticality</b>	
<b>Reported By</b>	138190 Younts, Lynn	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	603092 (DWO) BELT PRESS (09BP01)		
<b>Location</b>			
<b>Equipment</b>	M967	<b>Estimated Hours</b>	38
<b>Manufacturer</b>			
<b>Equipment Model</b>	Klampress 85	<b>Estimated Cost</b>	1,218.24
<b>Equipment Serial Number</b>	57632-1464	<b>Actual Cost</b>	1,018.73
<b>Date Started</b>	12/02/2009	<b>Date Completed</b>	12/21/2009

**Work Order Comments**

**138190 [12/02/2009 11:40]:**

INFOR EAM will not accept Eq. # 603099 so used Belt Press 1 Equipment Number.

**122522 [12/03/2009 09:08]:**

Check PLC system found bad communication module. found bad cable. Replace module and cables. check operations. monitor status. Ready for closed.

**128330 [12/15/2009 09:57]:**

Dec 10: Researched Siemens Simatic S7-200 PLC that is used at belt presses (unlike other PLCs at NEWPP). It's programming, structure and hardware configuration. - LDY

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	441.3	16	1		
2	441.2	16	1		
3	523.2	4	2		
4	528.2	2	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		NGUYEN, LONG	12/02/2009	N	8	34.97	279.76
		NGUYEN, LONG	12/03/2009	N	4	34.97	139.88
						<b>Subtotal</b>	<b>419.64</b>
2		YOUNTS, LYNN	12/02/2009	O	1.5	46.95	70.43
		YOUNTS, LYNN	12/02/2009	N	7.5	31.30	234.75
		YOUNTS, LYNN	12/03/2009	N	3.5	31.30	109.55
		YOUNTS, LYNN	12/10/2009	BASE	3	31.30	93.90
						<b>Subtotal</b>	<b>508.63</b>
3		HUTCHINS, WESLEY	12/03/2009	N	2	26.77	53.54

<b>Work Order</b>	225864 (DWO) Communication Lost Between Belt Press 2 HMI and PLC-2. (Eq.#603099Unavailable)	<b>Scheduled Start Date</b>	12/02/2009
<b>Status</b>	Completed	<b>WO Type</b>	CM

				<b>Subtotal</b>		<b>53.54</b>
4	TRUJILLO, KEVIN	12/03/2009	N	2	18.46	36.92
				<b>Subtotal</b>		<b>36.92</b>
				<b>Total</b>		<b>1,018.73</b>

<b>Work Order</b>	228123 (DWO) work on booster pump	<b>Scheduled Start Date</b>	12/22/2009
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	135758 Brooks, Roger	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	603092 (DWO) BELT PRESS (09BP01)		
<b>Location</b>			
<b>Equipment</b>	M967	<b>Estimated Hours</b>	24
<b>Manufacturer</b>			
<b>Equipment Model</b>	Klampress 85	<b>Estimated Cost</b>	577.60
<b>Equipment Serial Number</b>	57632-1464	<b>Actual Cost</b>	577.60
<b>Date Started</b>	12/21/2009	<b>Date Completed</b>	02/04/2010

**Work Order Comments**

*135758 [12/22/2009 15:17]:*  
 12/21/09  
 booster pump at belt press #1 motor needs replacing; keep tripping out  
 102898 - 3hrs  
 133895 - 3hrs  
 135758 - 3hrs  
 12/22/09  
 temporary use the booster pump next to it  
 102898 - 5hrs  
 133895 - 5hrs  
 135758 - 5hrs

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	8	1		
2	514.6	8	1		
3	523.2	8	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		TRUJILLO, KEVIN	12/21/2009	BASE	3	25.42	76.26
		TRUJILLO, KEVIN	12/22/2009	BASE	5	25.42	127.10
						<b>Subtotal</b>	<b>203.36</b>
2		BROOKES, ROGER	12/21/2009	BASE	3	20.01	60.03
		BROOKES, ROGER	12/22/2009	BASE	5	20.01	100.05
						<b>Subtotal</b>	<b>160.08</b>
3		HUTCHINS, WESLEY	12/21/2009	BASE	3	26.77	80.31
		HUTCHINS, WESLEY	12/22/2009	BASE	5	26.77	133.85

<b>Work Order</b>	228123 (DWO) work on booster pump	<b>Scheduled Start Date</b>	12/22/2009
<b>Status</b>	Completed	<b>WO Type</b>	CM

<b>Subtotal</b>	<u>214.16</u>
<b>Total</b>	<u>577.60</u>

<b>Work Order</b>	243887 (DWO) NEWPP-BPANN (Belt Press0	<b>Scheduled Start Date</b>	03/10/2011
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	A061 NEWPP-BPANN (Belt Press0	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	138730 Stepp, Raymond	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	603092 (DWO) BELT PRESS (09BP01)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M967	<b>Estimated Hours</b>	0.5
<b>Manufacturer</b>			
<b>Equipment Model</b>	Klampress 85	<b>Estimated Cost</b>	12.10
<b>Equipment Serial Number</b>	57632-1464	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	0.5	1	A061	NEWPP-PM-Belt Press
					<b>121419 [08/26/2008 08:35]:</b>
					- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)
					- LOCKOUT/TAGOUT EQUIPMENT
					- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-
					- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION
					Wipe down all surfaces of the components to be worked on.
					Before applying grease

<b>Work Order</b>	250694 (DWO) NEWPP-Belt Press - BPMONTH	<b>Scheduled Start Date</b>	07/01/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q044 NEWPP-Belt Press - BPMONTH	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality Assigned To</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned By</b>	
<b>Project</b>			
<b>Standard WO</b>			
<b>Equipment</b>	603092 (DWO) BELT PRESS (09BP01)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M967	<b>Estimated Hours</b>	0.1
<b>Manufacturer</b>			
<b>Equipment Model</b>	Klampress 85	<b>Estimated Cost</b>	3.69
<b>Equipment Serial Number</b>	57632-1464	<b>Actual Cost</b>	3.69
<b>Date Started</b>	08/03/2010	<b>Date Completed</b>	08/03/2010

**Work Order Comments**

**138730 [08/03/2010 10:47]:**

Asset has been withdrawn from system per Garland.

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	801.1	0.1	1	Q044	NEWPP-PM-Belt Press
<b>121419 [08/26/2008 08:37]:</b>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
Wipe down all surfaces of the components to be worked on.					
Before applying grease					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	Q044	Stepp, Raymond	08/03/2010	BASE	0.1	36.91	3.69
						<b>Subtotal</b>	<b>3.69</b>
						<b>Total</b>	<b>3.69</b>

<b>Work Order</b>	250697 (DWO) NEWPP-Belt Press - BPQUAR	<b>Scheduled Start Date</b>	07/01/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q045 NEWPP-Belt Press - BPQUAR	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality Assigned To</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned By</b>	
<b>Project</b>			
<b>Standard WO</b>			
<b>Equipment</b>	603092 (DWO) BELT PRESS (09BP01)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M967	<b>Estimated Hours</b>	0.1
<b>Manufacturer</b>			
<b>Equipment Model</b>	Klampress 85	<b>Estimated Cost</b>	3.69
<b>Equipment Serial Number</b>	57632-1464	<b>Actual Cost</b>	3.69
<b>Date Started</b>	08/03/2010	<b>Date Completed</b>	08/03/2010

**Work Order Comments**

**138730 [08/03/2010 10:52]:**

Asset has been withdrawn from system per Garland.

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	801.1	0.1	1	Q045	NEWPP-PM-Belt Press
<b>121419 [08/26/2008 08:38]:</b>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
Wipe down all surfaces of the components to be worked on.					
Before applying grease					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	Q045	Stepp, Raymond	08/03/2010	BASE	0.1	36.91	3.69
						<b>Subtotal</b>	<b>3.69</b>
						<b>Total</b>	<b>3.69</b>

<b>Work Order</b>	250899 (DWO) NEWPP-Belt Press - BPSEMI	<b>Scheduled Start Date</b>	06/01/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	S058 NEWPP-Belt Press - BPSEMI	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	090534
<b>Standard WO</b>			
<b>Equipment</b>	603092 (DWO) BELT PRESS (09BP01)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M967	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	Klampress 85	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	57632-1464	<b>Actual Cost</b>	10.01
<b>Date Started</b>	06/04/2010	<b>Date Completed</b>	06/04/2010

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	S058	NEWPP-PM-Belt Press
					<i>121419 [08/26/2008 08:38]:</i>
					- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)
					- LOCKOUT/TAGOUT EQUIPMENT
					- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-
					- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION
					Wipe down all surfaces of the components to be worked on.
					Before applying grease

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	S058	BROOKES, ROGER	06/04/2010	BASE	0.5	20.01	10.01
					<b>Subtotal</b>		<b>10.01</b>
					<b>Total</b>		<b>10.01</b>

<b>Work Order</b>	289614 (DWO) NEWPP-Belt Press - BPMONTH	<b>Scheduled Start Date</b>	09/29/2010
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q044 NEWPP-Belt Press - BPMONTH	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	138730 Stepp, Raymond	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	603092 (DWO) BELT PRESS (09BP01)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M967	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	Klampress 85	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	57632-1464	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q044	NEWPP-PM-Belt Press
<p><b>121419 [08/26/2008 08:37]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>Wipe down all surfaces of the components to be worked on. Before applying grease</p>					

<b>Work Order</b>	289623 (DWO) NEWPP-Belt Press - BPQUAR	<b>Scheduled Start Date</b>	09/29/2010
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q045 NEWPP-Belt Press - BPQUAR	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	138730 Stepp, Raymond	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	603092 (DWO) BELT PRESS (09BP01)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M967	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	Klampress 85	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	57632-1464	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q045	NEWPP-PM-Belt Press
					<b>121419 [08/26/2008 08:38]:</b>
					- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)
					- LOCKOUT/TAGOUT EQUIPMENT
					- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-
					- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION
					Wipe down all surfaces of the components to be worked on.
					Before applying grease

<b>Work Order</b>	289750 (DWO) NEWPP-Belt Press - BPSEMI	<b>Scheduled Start Date</b>	11/28/2010
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	S058 NEWPP-Belt Press - BPSEMI	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	138730 Stepp, Raymond	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	603092 (DWO) BELT PRESS (09BP01)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M967	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	Klampress 85	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	57632-1464	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	S058	NEWPP-PM-Belt Press
					<b>121419 [08/26/2008 08:38]:</b>
					- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)
					- LOCKOUT/TAGOUT EQUIPMENT
					- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-
					- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION
					Wipe down all surfaces of the components to be worked on.
					Before applying grease

<b>Work Order</b>	495711 (DWO) repair to polymer injector	<b>Scheduled Start Date</b>	07/08/2011
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	135758 Brooks, Roger	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	603092 (DWO) BELT PRESS (09BP01)		
<b>Location</b>	165 (DWO) NORTHEAST WATER PURIFICATION PLANT		
<b>Equipment</b>	M967	<b>Estimated Hours</b>	8
<b>Manufacturer</b>			
<b>Equipment Model</b>	Klampress 85	<b>Estimated Cost</b>	181.72
<b>Equipment Serial Number</b>	57632-1464	<b>Actual Cost</b>	181.72
<b>Date Started</b>	07/08/2011	<b>Date Completed</b>	07/11/2011

**Work Order Comments**

*135758 [07/08/2011 10:00]:*  
 7/01/2011  
 disassemble and remove debris from injector for polymer line bac in service , but need replacing.  
 133897 4hrs  
 135758 4hrs

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.6	4	1		
2	528.2	4	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		BROOKES, ROGER	07/08/2011	BASE	4	20.01	80.04
						<b>Subtotal</b>	<b>80.04</b>
2		KENLEY, ERIC	07/08/2011	BASE	4	25.42	101.68
						<b>Subtotal</b>	<b>101.68</b>
						<b>Total</b>	<b>181.72</b>

<b>Work Order</b>	523304 (DWO) POLYMER PUMP HAS STOPPED WORKING	<b>Scheduled Start Date</b>	08/18/2011
<b>Status</b>	Work in Progress	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P1
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	137967 Pamela Thomas	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	603092 (DWO) BELT PRESS (09BP01)		
<b>Location</b>	165 (DWO) NORTHEAST WATER PURIFICATION PLANT		
<b>Equipment</b>	M967	<b>Estimated Hours</b>	
<b>Manufacturer</b>			
<b>Equipment Model</b>	Klampress 85	<b>Estimated Cost</b>	0.00
<b>Equipment Serial Number</b>	57632-1464	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	

**Work Order Comments**

**137967 [08/18/2011 19:50]:**  
 ROGER BROOKES HAS BEEN CALLED OUT TO FIX

<b>Work Order</b>	529081 (DWO) Belt Press #1 Need Repair	<b>Scheduled Start Date</b>	08/23/2011
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P1
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	DMGDEQUI DAMAGED EQUIPMENT	<b>Equip Criticality</b>	C3
<b>Reported By</b>	090534 Williams, Joseph O.	<b>Assigned To</b>	133895
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	603092 (DWO) BELT PRESS (09BP01)		
<b>Location</b>	165 (DWO) NORTHEAST WATER PURIFICATION PLANT		
<b>Equipment</b>	M967	<b>Estimated Hours</b>	31
<b>Manufacturer</b>			
<b>Equipment Model</b>	Klampress 85	<b>Estimated Cost</b>	782.85
<b>Equipment Serial Number</b>	57632-1464	<b>Actual Cost</b>	2,351.15
<b>Date Started</b>	08/26/2011	<b>Date Completed</b>	09/08/2011

**Work Order Comments**

*131159 [08/30/2011 08:19]:*  
 Joey to give Michelle copy of purchases paper work. - 8/30/2011

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	15	1		
2	523.2	15	1		
3	GCON	1	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		TRUJILLO, KEVIN	08/26/2011	O	4	38.13	152.52
		TRUJILLO, KEVIN	08/27/2011	O	7.5	38.13	285.98
		TRUJILLO, KEVIN	08/29/2011	O	1	38.13	38.13
		TRUJILLO, KEVIN	08/29/2011	BASE	8	25.42	203.36
					<b>Subtotal</b>		<b>679.99</b>
2		HUTCHINS, WESLEY	08/26/2011	O	4	40.16	160.64
		HUTCHINS, WESLEY	08/27/2011	O	7.5	40.16	301.20
		HUTCHINS, WESLEY	08/29/2011	BASE	8	26.77	214.16
		HUTCHINS, WESLEY	08/29/2011	O	1	40.16	40.16
					<b>Subtotal</b>		<b>716.16</b>
					<b>Total</b>		<b>1,396.15</b>

<b>Work Order</b>	80820 (DWO) sump pump won't run	<b>Scheduled Start Date</b>	09/02/2008
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R1O Northeast Water Purification Plant Maint	<b>Priority</b>	P2
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	134481 Quansah, Bridgette B	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	603092 (DWO) BELT PRESS (09BP01)		
<b>Location</b>			
<b>Equipment</b>	M967	<b>Estimated Hours</b>	2
<b>Manufacturer</b>			
<b>Equipment Model</b>	Klampress 85	<b>Estimated Cost</b>	50.84
<b>Equipment Serial Number</b>	57632-1464	<b>Actual Cost</b>	50.84
<b>Date Started</b>	09/02/2008	<b>Date Completed</b>	09/11/2008

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	2	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		TRUJILLO, KEVIN	09/02/2008	BASE	1	25.42	25.42
		KENLEY, ERIC	09/02/2008	BASE	1	25.42	25.42
				<b>Subtotal</b>			<b>50.84</b>
				<b>Total</b>			<b>50.84</b>

<b>Work Order</b>	87213 (DWO) NEWPP-BPANN (Belt Press0	<b>Scheduled Start Date</b>	03/07/2009
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	A061 NEWPP-BPANN (Belt Press0	<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	603092 (DWO) BELT PRESS (09BP01)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M967	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	Klampress 85	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	57632-1464	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	03/16/2009

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	A061	NEWPP-PM-Belt Press
<p><b>121419 [08/26/2008 08:35]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>Wipe down all surfaces of the components to be worked on. Before applying grease</p>					

<b>Work Order</b>	117476 (DWO) NEWPP-Belt Press - BPQUAR	<b>Scheduled Start Date</b>	05/30/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q045 NEWPP-Belt Press - BPQUAR	<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	128330
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	603099 (DWO) BELT PRESS (09BP02)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M968	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	GRSL-2 Series III	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	UN-1087	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	06/22/2009

**Work Order Comments**

**128330 [06/19/2009 12:56]:**

This work is performed by the contractor

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q045	NEWPP-PM-Belt Press

**121419 [08/26/2008 08:38]:**

- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)
  - LOCKOUT/TAGOUT EQUIPMENT
  - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-
  - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION
- Wipe down all surfaces of the components to be worked on.  
Before applying grease

<b>Work Order</b>	124140 (DWO)	Assist in trouble shooting communication problem	<b>Scheduled Start Date</b>	04/20/2009
<b>Status</b>	Completed		<b>WO Type</b>	BRKD
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P2
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>			<b>Safety</b>	N
<b>Problem Code</b>	SCADA	SCADA / INSTRUMENTATION	<b>Equip Criticality</b>	
<b>Reported By</b>	128330	Beshears, Garland W	<b>Assigned To</b>	
<b>Project</b>			<b>Assigned By</b>	096216
<b>Standard WO</b>				
<b>Equipment</b>	603099 (DWO)	BELT PRESS (09BP02)		
<b>Location</b>	ST-P/S (DWO)	(DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M968		<b>Estimated Hours</b>	12
<b>Manufacturer</b>				
<b>Equipment Model</b>	GRSL-2 Series III		<b>Estimated Cost</b>	461.94
<b>Equipment Serial Number</b>	UN-1087		<b>Actual Cost</b>	461.94
<b>Date Started</b>	04/20/2009		<b>Date Completed</b>	06/08/2009

**Work Order Comments**

*128330 [06/04/2009 14:26]:*

Worked with crew to solve problem with scada at belt press area

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	803.2	6	1		
2	801.2	6	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		BESHEARS, GARLAND	04/20/2009	N	6	33.07	198.42
						<b>Subtotal</b>	<b>198.42</b>
2		WILLIAMS, JOSEPH	04/20/2009	N	6	43.92	263.52
						<b>Subtotal</b>	<b>263.52</b>
						<b>Total</b>	<b>461.94</b>

<b>Work Order</b>	168205 (DWO) Belt Press #2 will not run.	<b>Scheduled Start Date</b>	08/19/2009
<b>Status</b>	Completed	<b>WO Type</b>	BRKD
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	SCADA SCADA / INSTRUMENTATION	<b>Equip Criticality</b>	
<b>Reported By</b>	122522 Nguyen, Long D.	<b>Assigned To</b>	122522
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	603099 (DWO) BELT PRESS (09BP02)		
<b>Location</b>		<b>Estimated Hours</b>	12
<b>Equipment</b>	M968		
<b>Manufacturer</b>		<b>Estimated Cost</b>	376.80
<b>Equipment Model</b>	GRSL-2 Series III	<b>Actual Cost</b>	928.83
<b>Equipment Serial Number</b>	UN-1087		
<b>Date Started</b>	08/19/2009	<b>Date Completed</b>	09/01/2009

**Work Order Comments**

**122522 [08/19/2009 14:36]:**

Belt Press #2 will not run.  
 Check out the system. find out the lower belt prox. switch was bad. Temporary paralell system with upper prox.sw.  
 Part ready order.  
 122522 6hrs 8-19-09  
 138190 2 hrs 8-19-09  
 102898 2 hrs 8-19-09

**128330 [08/27/2009 06:41]:**

Inatall prox. sw at belt press # 2 check system operations monitor status ( see documents for invoice for switch)

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	441.3	6	2		
2	523.2	2	1		
3	441.2	2	1		
4	528.2	2	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		NGUYEN, LONG	08/19/2009	N	6	34.97	209.82
		NGUYEN, LONG	08/21/2009	N	4	34.97	139.88
		NGUYEN, LONG	08/24/2009	N	4	34.97	139.88
						<b>Subtotal</b>	<b>489.58</b>
2		HUTCHINS, WESLEY	08/19/2009	N	2	26.77	53.54
3		YOUNTS, LYNN	08/19/2009	N	2	31.30	62.60
		YOUNTS, LYNN	08/21/2009	N	3	31.30	93.90

<b>Work Order</b>	168205 (DWO)	Belt Press #2 will not run.	<b>Scheduled Start Date</b>	08/19/2009
<b>Status</b>	Completed		<b>WO Type</b>	BRKD

3	YOUNTS, LYNN	08/24/2009	N	3	31.30	93.90
					<b>Subtotal</b>	<b>250.40</b>
					<b>Total</b>	<b>793.52</b>

<b>Work Order</b>	178273 (DWO) NEWPP-BPANN (Belt Press0	<b>Scheduled Start Date</b>	12/09/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	A061 NEWPP-BPANN (Belt Press0	<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	090534 Williams, Joseph O.	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	090534
<b>Standard WO</b>			
<b>Equipment</b>	603099 (DWO) BELT PRESS (09BP02)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M968	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	GRSL-2 Series III	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	UN-1087	<b>Actual Cost</b>	10.01
<b>Date Started</b>	12/09/2009	<b>Date Completed</b>	01/04/2010

**Work Order Comments**

*135758 [12/09/2009 08:06]:*  
see contractor

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	A061	NEWPP-PM-Belt Press
<i>121419 [08/26/2008 08:35]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
Wipe down all surfaces of the components to be worked on.					
Before applying grease					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	A061	BROOKES, ROGER	12/09/2009	N	0.5	20.01	10.01
						<b>Subtotal</b>	<b>10.01</b>
						<b>Total</b>	<b>10.01</b>

<b>Work Order</b>	230145 (DWO)	Remove Belt Press Booster Pump #2 For Repairs.	<b>Scheduled Start Date</b>	01/12/2010
<b>Status</b>	Completed		<b>WO Type</b>	CM
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P2
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>			<b>Safety</b>	N
<b>Problem Code</b>	MAINT	MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	138190	Younts, Lynn	<b>Assigned To</b>	133895
<b>Project</b>			<b>Assigned By</b>	090534
<b>Standard WO</b>				
<b>Equipment</b>	603099 (DWO)	BELT PRESS (09BP02)		
<b>Location</b>			<b>Estimated Hours</b>	8
<b>Equipment</b>	M968			
<b>Manufacturer</b>			<b>Estimated Cost</b>	210.54
<b>Equipment Model</b>	GRSL-2 Series III		<b>Actual Cost</b>	226.30
<b>Equipment Serial Number</b>	UN-1087			
<b>Date Started</b>	01/12/2010		<b>Date Completed</b>	01/29/2010

**Work Order Comments**

*135758 [01/27/2010 10:54]:*

1-12-10  
 remove and install booster pump cover .  
 133895 - 1hr o.t.  
 135758 - 1hr o.t.

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	2	1		
2	514.6	2	1		
3	523.2	2	1		
4	803.2	2	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		TRUJILLO, KEVIN	01/12/2010	N	1	18.46	18.46
		TRUJILLO, KEVIN	01/12/2010	O	1	38.13	38.13
					<b>Subtotal</b>		<b>56.59</b>
2		BROOKES, ROGER	01/12/2010	N	1	20.01	20.01
		BROOKES, ROGER	01/12/2010	O	1	30.02	30.02
					<b>Subtotal</b>		<b>50.03</b>
3		HUTCHINS, WESLEY	01/12/2010	BASE	2	26.77	53.54
					<b>Subtotal</b>		<b>53.54</b>
4		BESHEARS, GARLAND	01/12/2010	BASE	2	33.07	66.14
					<b>Subtotal</b>		<b>66.14</b>
					<b>Total</b>		<b>226.30</b>

<b>Work Order</b>	233980 (DWO) NEWPP-BPANN (Belt Press0	<b>Scheduled Start Date</b>	03/10/2011
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	A061 NEWPP-BPANN (Belt Press0	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	138730 Stepp, Raymond	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	603099 (DWO) BELT PRESS (09BP02)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M968	<b>Estimated Hours</b>	0.5
<b>Manufacturer</b>			
<b>Equipment Model</b>	GRSL-2 Series III	<b>Estimated Cost</b>	12.10
<b>Equipment Serial Number</b>	UN-1087	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	0.5	1	A061	NEWPP-PM-Belt Press
					<b>121419 [08/26/2008 08:35]:</b>
					- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)
					- LOCKOUT/TAGOUT EQUIPMENT
					- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-
					- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION
					Wipe down all surfaces of the components to be worked on.
					Before applying grease

<b>Work Order</b>	245919 (DWO)	water booster pump replace grommet between motor and pump	<b>Scheduled Start Date</b>	03/25/2010
<b>Status</b>	Completed		<b>WO Type</b>	CM
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>			<b>Safety</b>	N
<b>Problem Code</b>	MAINT	MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330	Beshears, Garland W	<b>Assigned To</b>	133895
<b>Project</b>			<b>Assigned By</b>	096216
<b>Standard WO</b>				
<b>Equipment</b>	603099 (DWO)	BELT PRESS (09BP02)		
<b>Location</b>				
<b>Equipment</b>	M968		<b>Estimated Hours</b>	9
<b>Manufacturer</b>				
<b>Equipment Model</b>	GRSL-2 Series III		<b>Estimated Cost</b>	229.17
<b>Equipment Serial Number</b>	UN-1087		<b>Actual Cost</b>	216.60
<b>Date Started</b>	03/25/2010		<b>Date Completed</b>	05/18/2010

**Work Order Comments**

*128330 [05/07/2010 13:35]:*  
 Repaired pump at belt press # 2

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	3	1		
2	528.2	3	1		
3	523.2	3	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		BROOKES, ROGER	03/25/2010	BASE	3	20.01	60.03
					<b>Subtotal</b>		<b>60.03</b>
2		TRUJILLO, KEVIN	03/25/2010	BASE	3	25.42	76.26
					<b>Subtotal</b>		<b>76.26</b>
3		HUTCHINS, WESLEY	03/25/2010	BASE	3	26.77	80.31
					<b>Subtotal</b>		<b>80.31</b>
					<b>Total</b>		<b>216.60</b>

<b>Work Order</b>	246106 (DWO)	inspect and investigate beltpress drive unit	<b>Scheduled Start Date</b>	03/26/2010
<b>Status</b>	Completed		<b>WO Type</b>	CM
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>			<b>Safety</b>	N
<b>Problem Code</b>	MAINT	MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330	Beshears, Garland W	<b>Assigned To</b>	133895
<b>Project</b>			<b>Assigned By</b>	096216
<b>Standard WO</b>				
<b>Equipment</b>	603099 (DWO)	BELT PRESS (09BP02)		
<b>Location</b>				
<b>Equipment</b>	M968		<b>Estimated Hours</b>	9
<b>Manufacturer</b>				
<b>Equipment Model</b>	GRSL-2 Series III		<b>Estimated Cost</b>	216.60
<b>Equipment Serial Number</b>	UN-1087		<b>Actual Cost</b>	216.60
<b>Date Started</b>	03/26/2010		<b>Date Completed</b>	05/18/2010

**Work Order Comments**

*135758 [03/26/2010 10:05]:*  
 3/25/2010  
 inspect drive unit  
 102898 - 1hr  
 133895 - 1hr  
 135758 - 1hr  
 133897 - 1hr  
 3/26/2010  
 remove motor from reducer and motor was ok. mike from ancon was also present.  
 133895 - 2hrs  
 135758 - 2hrs  
 133897 - 2hrs

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.6	3	1		
2	528.2	3	2		
3	523.2	3	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		BROOKES, ROGER	03/26/2010	BASE	3	20.01	60.03
					<b>Subtotal</b>		<b>60.03</b>
2		TRUJILLO, KEVIN	03/26/2010	BASE	3	25.42	76.26
					<b>Subtotal</b>		<b>76.26</b>
3		HUTCHINS, WESLEY	03/26/2010	BASE	3	26.77	80.31
					<b>Subtotal</b>		<b>80.31</b>
					<b>Total</b>		<b>216.60</b>

<b>Work Order</b>	249587 (DWO)	belt drive motor/replaced motor/check oil	<b>Scheduled Start Date</b>	04/15/2010
<b>Status</b>	Completed		<b>WO Type</b>	CM
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>			<b>Safety</b>	N
<b>Problem Code</b>	MAINT	MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330	Beshears, Garland W	<b>Assigned To</b>	133895
<b>Project</b>			<b>Assigned By</b>	096216
<b>Standard WO</b>				
<b>Equipment</b>	603099 (DWO)	BELT PRESS (09BP02)		
<b>Location</b>				
<b>Equipment</b>	M968		<b>Estimated Hours</b>	10
<b>Manufacturer</b>				
<b>Equipment Model</b>	GRSL-2 Series III		<b>Estimated Cost</b>	257.16
<b>Equipment Serial Number</b>	UN-1087		<b>Actual Cost</b>	288.80
<b>Date Started</b>	04/15/2010		<b>Date Completed</b>	05/18/2010

**Work Order Comments**

*133895 [04/15/2010 14:19]:*  
 4-14-10  
 put new motor on  
 102898 2hrs  
 133895 2hrs  
 135758 2hrs  
 4-15-10  
 checked condition of oil /looked good  
 133895 2hrs  
 135758 2hrs  
 102898 2hrs

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	523.2	4	1		
2	528.2	4	2		
3	514.5	2	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		HUTCHINS, WESLEY	04/15/2010	BASE	4	26.77	107.08
					<b>Subtotal</b>		<b>107.08</b>
2		TRUJILLO, KEVIN	04/15/2010	BASE	4	25.42	101.68
					<b>Subtotal</b>		<b>101.68</b>
3		BROOKES, ROGER	04/15/2010	BASE	4	20.01	80.04
					<b>Subtotal</b>		<b>80.04</b>
					<b>Total</b>		<b>288.80</b>

<b>Work Order</b>	250695 (DWO) NEWPP-Belt Press - BPMONTH	<b>Scheduled Start Date</b>	07/01/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q044 NEWPP-Belt Press - BPMONTH	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	603099 (DWO) BELT PRESS (09BP02)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M968	<b>Estimated Hours</b>	0.1
<b>Manufacturer</b>			
<b>Equipment Model</b>	GRSL-2 Series III	<b>Estimated Cost</b>	3.69
<b>Equipment Serial Number</b>	UN-1087	<b>Actual Cost</b>	0.00
<b>Date Started</b>	07/01/2010	<b>Date Completed</b>	08/03/2010

**Work Order Comments**

**138730 [08/03/2010 10:49]:**

Asset has been withdrawn from system per Garland.

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	801.1	0.1	1	Q044	NEWPP-PM-Belt Press
<p><b>121419 [08/26/2008 08:37]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>Wipe down all surfaces of the components to be worked on. Before applying grease</p>					

<b>Work Order</b>	250698 (DWO) NEWPP-Belt Press - BPQUAR	<b>Scheduled Start Date</b>	07/01/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q045 NEWPP-Belt Press - BPQUAR	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	603099 (DWO) BELT PRESS (09BP02)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M968	<b>Estimated Hours</b>	0.1
<b>Manufacturer</b>			
<b>Equipment Model</b>	GRSL-2 Series III	<b>Estimated Cost</b>	3.69
<b>Equipment Serial Number</b>	UN-1087	<b>Actual Cost</b>	3.69
<b>Date Started</b>	08/03/2010	<b>Date Completed</b>	08/03/2010

**Work Order Comments**

*138730 [08/03/2010 10:55]:*

Asset has been withdrawn from system per Garland.

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	801.1	0.1	1	Q045	NEWPP-PM-Belt Press
<i>121419 [08/26/2008 08:38]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
Wipe down all surfaces of the components to be worked on.					
Before applying grease					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	Q045	Stepp, Raymond	08/03/2010	BASE	0.1	36.91	3.69
						<b>Subtotal</b>	<b>3.69</b>
						<b>Total</b>	<b>3.69</b>

<b>Work Order</b>	250898 (DWO) NEWPP-Belt Press - BPSEMI	<b>Scheduled Start Date</b>	06/01/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	S058 NEWPP-Belt Press - BPSEMI	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	603099 (DWO) BELT PRESS (09BP02)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M968	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	GRSL-2 Series III	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	UN-1087	<b>Actual Cost</b>	10.01
<b>Date Started</b>	08/03/2010	<b>Date Completed</b>	08/03/2010

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	S058	NEWPP-PM-Belt Press
<p><b>121419 [08/26/2008 08:38]:</b>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      Wipe down all surfaces of the components to be worked on.                      Before applying grease</p>					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	S058	BROOKES, ROGER	08/03/2010	BASE	0.5	20.01	10.01
						<b>Subtotal</b>	<b>10.01</b>
						<b>Total</b>	<b>10.01</b>

<b>Work Order</b>	263541 (DWO)	All 3 Belt Presses Tripped. Restore Tripped Equipment.	<b>Scheduled Start Date</b>	05/28/2010
<b>Status</b>	Completed		<b>WO Type</b>	INST
<b>Parent Work Order</b>				<b>Class</b>
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>				<b>Warranty</b>
<b>Cost Code</b>	2000040018	DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	SCADA	SCADA / INSTRUMENTATION	<b>Equip Criticality</b>	
<b>Reported By</b>	128330	Beshears, Garland W	<b>Assigned To</b>	138190
<b>Project</b>				<b>Assigned By</b>
<b>Standard WO</b>				
<b>Equipment</b>	603099 (DWO)	BELT PRESS (09BP02)	<b>Estimated Hours</b>	6
<b>Location</b>	NEWPP (DWO)	(DNE) NEWPS	<b>Estimated Cost</b>	198.81
<b>Equipment</b>	M968		<b>Actual Cost</b>	324.01
<b>Manufacturer</b>				
<b>Equipment Model</b>	GRSL-2 Series III		<b>Date Completed</b>	07/19/2010
<b>Equipment Serial Number</b>	UN-1087			
<b>Date Started</b>	05/28/2010			

**Work Order Comments**

**138190 [05/28/2010 14:35]:**

May 28, 2010: Long 122522 worked 3 Hours; Lynn 138190 worked 3 Hours. Job complete but probably need Wes' time. - LDY

**138190 [06/09/2010 13:38]:**

Lynn 138190 worked 4 Hours on June 4. VFD in Cabinet 09-BP-01 displays last fault as " Supply Line Overvoltage". Afternoon of June 4 VFD indicated 497Volts Supply. VFD Manual indicates supply voltage between 380 and 500 Volts. - LDY

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	441.3	3	1		
2	441.2	3	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		NGUYEN, LONG	05/28/2010	BASE	3	34.97	104.91
					<b>Subtotal</b>		<b>104.91</b>
2		YOUNTS, LYNN	05/28/2010	BASE	3	31.30	93.90
		YOUNTS, LYNN	06/09/2010	BASE	4	31.30	125.20
					<b>Subtotal</b>		<b>219.10</b>
					<b>Total</b>		<b>324.01</b>

<b>Work Order</b>	287570 (DWO) electrical /e-stop switch/ belt press	<b>Scheduled Start Date</b>	07/26/2010
<b>Status</b>	Completed	<b>WO Type</b>	ELEC
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P2
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	ELECT ELECTRICAL PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	102898
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	603099 (DWO) BELT PRESS (09BP02)		
<b>Location</b>	NEWPP (DWO) (DNE) NEWPS		
<b>Equipment</b>	M968	<b>Estimated Hours</b>	9
<b>Manufacturer</b>			
<b>Equipment Model</b>	GRSL-2 Series III	<b>Estimated Cost</b>	250.47
<b>Equipment Serial Number</b>	UN-1087	<b>Actual Cost</b>	156.57
<b>Date Started</b>	07/26/2010	<b>Date Completed</b>	07/26/2010

**Work Order Comments**

*133895 [07/26/2010 15:10]:*  
 emergency stop switch bad/belt limit switch bad replaced  
 102898 10/26/10 3hrs  
 133895 10/26/10 3hrs

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	441.2	3	1		
2	528.2	3	1		
3	523.2	3	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
2		KENLEY, ERIC	07/26/2010	BASE	3	25.42	76.26
					<b>Subtotal</b>		<b>76.26</b>
3		HUTCHINS, WESLEY	07/26/2010	BASE	3	26.77	80.31
					<b>Subtotal</b>		<b>80.31</b>
					<b>Total</b>		<b>156.57</b>

<b>Work Order</b>	289618 (DWO) NEWPP-Belt Press - BPMONTH	<b>Scheduled Start Date</b>	09/29/2010
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q044 NEWPP-Belt Press - BPMONTH	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	138730 Stepp, Raymond	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	603099 (DWO) BELT PRESS (09BP02)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M968	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	GRSL-2 Series III	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	UN-1087	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q044	NEWPP-PM-Belt Press
<p><b>121419 [08/26/2008 08:37]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>Wipe down all surfaces of the components to be worked on. Before applying grease</p>					

<b>Work Order</b>	289624 (DWO) NEWPP-Belt Press - BPQUAR	<b>Scheduled Start Date</b>	09/29/2010
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q045 NEWPP-Belt Press - BPQUAR	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	138730 Stepp, Raymond	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	603099 (DWO) BELT PRESS (09BP02)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M968	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	GRSL-2 Series III	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	UN-1087	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q045	NEWPP-PM-Belt Press
<p><b>121419 [08/26/2008 08:38]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>Wipe down all surfaces of the components to be worked on. Before applying grease</p>					

<b>Work Order</b>	290131 (DWO) NEWPP-Belt Press - BPSEMI	<b>Scheduled Start Date</b>	11/28/2010
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	S058 NEWPP-Belt Press - BPSEMI	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	138730 Stepp, Raymond	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	603099 (DWO) BELT PRESS (09BP02)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M968	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	GRSL-2 Series III	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	UN-1087	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	S058	NEWPP-PM-Belt Press
					<b>121419 [08/26/2008 08:38]:</b>
					- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)
					- LOCKOUT/TAGOUT EQUIPMENT
					- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-
					- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION
					Wipe down all surfaces of the components to be worked on.
					Before applying grease

<b>Work Order</b>	498212 (DWO) change belt/rewire	<b>Scheduled Start Date</b>	07/12/2011
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	133895 Trujillo, Kevin	<b>Assigned To</b>	133895
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	603099 (DWO) BELT PRESS (09BP02)		
<b>Location</b>	165 (DWO) NORTHEAST WATER PURIFICATION PLANT		
<b>Equipment</b>	M968	<b>Estimated Hours</b>	6
<b>Manufacturer</b>			
<b>Equipment Model</b>	GRSL-2 Series III	<b>Estimated Cost</b>	144.40
<b>Equipment Serial Number</b>	UN-1087	<b>Actual Cost</b>	647.82
<b>Date Started</b>	07/12/2011	<b>Date Completed</b>	07/19/2011

**Work Order Comments**

**133895 [07/14/2011 14:35]:**

rewired and changed out belt /set up pump and fittings

07/12/11

133895 2 hrs

102898 2hrs

135758 2hrs

07/13/11

133895 2hrs ot

102898 2hrs ot

135758 2hrs ot

07/14/11

133895 3hrs

102898 3hrs

135758 3hrs

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	2	1		
2	523.2	2	1		
3	514.6	2	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		TRUJILLO, KEVIN	07/12/2011	BASE	2	25.42	50.84
		TRUJILLO, KEVIN	07/13/2011	O	2	38.13	76.26
		TRUJILLO, KEVIN	07/14/2011	BASE	3	25.42	76.26
					<b>Subtotal</b>		<b>203.36</b>
2		HUTCHINS, WESLEY	07/12/2011	BASE	2	26.77	53.54
		HUTCHINS, WESLEY	07/13/2011	O	2	40.16	80.32

Work Order	498212 (DWO)	change belt/rewire			Scheduled Start Date	07/12/2011	
Status	Completed				WO Type	CM	
2		HUTCHINS, WESLEY	07/14/2011	O	3	40.16	120.48
					<b>Subtotal</b>		<b>254.34</b>
3		BROOKES, ROGER	07/12/2011	BASE	2	20.01	40.02
		BROOKES, ROGER	07/13/2011	O	2	30.02	60.04
		BROOKES, ROGER	07/14/2011	O	3	30.02	90.06
					<b>Subtotal</b>		<b>190.12</b>
					<b>Total</b>		<b>647.82</b>

<b>Work Order</b>	87706 (DWO) NEWPP-Belt Press - BPQUAR	<b>Scheduled Start Date</b>	03/01/2009
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q045 NEWPP-Belt Press - BPQUAR	<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	603099 (DWO) BELT PRESS (09BP02)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M968	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	GRSL-2 Series III	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	UN-1087	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	03/03/2009

**Work Order Comments**

*128330 [03/03/2009 08:07]:*  
PM PERFORMED BY CONTRACTOR

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q045	NEWPP-PM-Belt Press
<p><i>121419 [08/26/2008 08:38]:</i></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>Wipe down all surfaces of the components to be worked on. Before applying grease</p>					

<b>Work Order</b>	87767 (DWO) NEWPP-Belt Press - BPSEMI	<b>Scheduled Start Date</b>	03/01/2009
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	S058 NEWPP-Belt Press - BPSEMI	<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	603099 (DWO) BELT PRESS (09BP02)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M968	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	GRSL-2 Series III	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	UN-1087	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	03/03/2009

**Work Order Comments**

*128330 [03/03/2009 08:09]:*  
 PM PERFORMED BY CONTRACTOR

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	S058	NEWPP-PM-Belt Press
<p><i>121419 [08/26/2008 08:38]:</i></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>Wipe down all surfaces of the components to be worked on.                      Before applying grease</p>					

<b>Work Order</b>	108608 (DWO)	belt press fail won't run.	<b>Scheduled Start Date</b>	12/09/2008
<b>Status</b>	Completed		<b>WO Type</b>	ELEC
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P1
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>			<b>Safety</b>	N
<b>Problem Code</b>	ELECT	ELECTRICAL PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	133895	Trujillo, Kevin	<b>Assigned To</b>	
<b>Project</b>			<b>Assigned By</b>	096216
<b>Standard WO</b>				
<b>Equipment</b>	603100 (DWO)	BELT PRESS (09BP203)		
<b>Location</b>	ST-P/S (DWO)	(DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M968		<b>Estimated Hours</b>	6
<b>Manufacturer</b>				
<b>Equipment Model</b>	GRSL-2 SERIES III		<b>Estimated Cost</b>	155.22
<b>Equipment Serial Number</b>	UN-1088		<b>Actual Cost</b>	90.46
<b>Date Started</b>	12/09/2008		<b>Date Completed</b>	12/11/2008

**Work Order Comments**

**128330 [12/10/2008 06:38]:**

Found triped on dc drive on belt press resit drive put back into service

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	2	1		
2	528.2	2	1		
3	523.2	2	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
2		TRUJILLO, KEVIN	12/09/2008	N	2	18.46	36.92
					<b>Subtotal</b>		<b>36.92</b>
3		HUTCHINS, WESLEY	12/09/2008	N	2	26.77	53.54
					<b>Subtotal</b>		<b>53.54</b>
					<b>Total</b>		<b>90.46</b>

<b>Work Order</b>	112952 (DWO) Belt Press Emergency Stop will not reset	<b>Scheduled Start Date</b>	01/22/2009
<b>Status</b>	Completed	<b>WO Type</b>	ELEC
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	ELECT ELECTRICAL PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	133895 Trujillo, Kevin	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	086056
<b>Standard WO</b>			
<b>Equipment</b>	603100 (DWO) BELT PRESS (09BP203)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M968	<b>Estimated Hours</b>	9
<b>Manufacturer</b>			
<b>Equipment Model</b>	GRSL-2 SERIES III	<b>Estimated Cost</b>	260.88
<b>Equipment Serial Number</b>	UN-1088	<b>Actual Cost</b>	162.46
<b>Date Started</b>	01/22/2009	<b>Date Completed</b>	01/27/2009

**Work Order Comments**

*128330 [01/26/2009 10:22]:*

Worked with contractors on restarting of belt press #3

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	523.2	2	1		
2	528.2	2	1		
3	441.2	5	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		HUTCHINS, WESLEY	01/22/2009	N	2	26.77	53.54
		HUTCHINS, WESLEY	01/22/2009	N	2	26.77	53.54
		HUTCHINS, WESLEY	01/22/2009	N	-2	26.77	-53.54
		HUTCHINS, WESLEY	01/23/2009	N	2	26.77	53.54
						<b>Subtotal</b>	<b>107.08</b>
2		TRUJILLO, KEVIN	01/22/2009	N	-2	18.46	-36.92
		TRUJILLO, KEVIN	01/22/2009	N	3	18.46	55.38
		TRUJILLO, KEVIN	01/23/2009	N	2	18.46	36.92
		KENLEY, ERIC	01/22/2009	N	-4	18.46	-73.84
		KENLEY, ERIC	01/22/2009	N	4	18.46	73.84
						<b>Subtotal</b>	<b>55.38</b>
3		NGUYEN, LONG	01/23/2009	N	-5	31.30	-156.50
		NGUYEN, LONG	01/23/2009	N	5	31.30	156.50
						<b>Subtotal</b>	<b>0.00</b>

<b>Work Order</b>	112952 (DWO) Belt Press Emergency Stop will not reset	<b>Scheduled Start Date</b>	01/22/2009
<b>Status</b>	Completed	<b>WO Type</b>	ELEC

**Total** 162.46

<b>Work Order</b>	113830 (DWO) NEWPP-Belt Press - BPMONTH	<b>Scheduled Start Date</b>	05/02/2009
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q044 NEWPP-Belt Press - BPMONTH	<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	603100 (DWO) BELT PRESS (09BP203)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M968	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	GRSL-2 SERIES III	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	UN-1088	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	05/26/2009

**Work Order Comments**

*128330 [05/22/2009 06:26]:*  
 Equipment maintained by contractor

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q044	NEWPP-PM-Belt Press

*121419 [08/26/2008 08:37]:*  
 - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)  
 - LOCKOUT/TAGOUT EQUIPMENT  
 - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-  
 - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION  
 Wipe down all surfaces of the components to be worked on.  
 Before applying grease

<b>Work Order</b>	117441 (DWO)	ELECTRICAL PROBLEM lost all three belt press's	<b>Scheduled Start Date</b>	03/03/2009
<b>Status</b>	Completed		<b>WO Type</b>	ELEC
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P2
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>			<b>Safety</b>	N
<b>Problem Code</b>	ELECT	ELECTRICAL PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	102898	Hutchins, Wesley E.	<b>Assigned To</b>	
<b>Project</b>			<b>Assigned By</b>	096216
<b>Standard WO</b>				
<b>Equipment</b>	603100 (DWO)	BELT PRESS (09BP203)	<b>Estimated Hours</b>	7
<b>Location</b>	ST-P/S (DWO)	(DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M968			
<b>Manufacturer</b>			<b>Estimated Cost</b>	182.67
<b>Equipment Model</b>	GRSL-2 SERIES III		<b>Actual Cost</b>	158.31
<b>Equipment Serial Number</b>	UN-1088			
<b>Date Started</b>	03/03/2009		<b>Date Completed</b>	03/05/2009

**Work Order Comments**

*128330 [03/04/2009 08:58]:*

Made two calls to belt press, lost elect, to all pumps resit controls put back in service.

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	523.2	3.5	1		
2	528.2	3.5	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		HUTCHINS, WESLEY	03/03/2009	N	3.5	26.77	93.70
						<b>Subtotal</b>	<b>93.70</b>
2		TRUJILLO, KEVIN	03/03/2009	N	3.5	18.46	64.61
						<b>Subtotal</b>	<b>64.61</b>
						<b>Total</b>	<b>158.31</b>

<b>Work Order</b>	228952 (DWO) Belt Press 3 not running	<b>Scheduled Start Date</b>	01/04/2010
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	133897 Kenley, Eric Scott	<b>Assigned To</b>	133897
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	603100 (DWO) BELT PRESS (09BP203)		
<b>Location</b>		<b>Estimated Hours</b>	4
<b>Equipment</b>	M968		
<b>Manufacturer</b>		<b>Estimated Cost</b>	90.86
<b>Equipment Model</b>	GRSL-2 SERIES III	<b>Actual Cost</b>	76.94
<b>Equipment Serial Number</b>	UN-1088		
<b>Date Started</b>	01/04/2010	<b>Date Completed</b>	02/01/2010

**Work Order Comments**

*133897 [01/04/2010 09:39]:*  
 Belt Press 3 not running-repaired and retest-OK  
 135758-2.0hrs-1/4/09  
 133895-2.0hrs-1/4/09

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	2	1		
2	514.6	2	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		TRUJILLO, KEVIN	01/04/2010	N	2	18.46	36.92
						<b>Subtotal</b>	<b>36.92</b>
2		BROOKES, ROGER	01/04/2010	N	2	20.01	40.02
						<b>Subtotal</b>	<b>40.02</b>
						<b>Total</b>	<b>76.94</b>

<b>Work Order</b>	230148 (DWO) Thaw Out Sludge Pump for #3 Belt Press.	<b>Scheduled Start Date</b>	01/12/2010
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P1
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	138190 Younts, Lynn	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	603100 (DWO) BELT PRESS (09BP203)		
<b>Location</b>			
<b>Equipment</b>	M968	<b>Estimated Hours</b>	18
<b>Manufacturer</b>			
<b>Equipment Model</b>	GRSL-2 SERIES III	<b>Estimated Cost</b>	388.01
<b>Equipment Serial Number</b>	UN-1088	<b>Actual Cost</b>	360.17
<b>Date Started</b>	01/12/2010	<b>Date Completed</b>	02/01/2010

**Work Order Comments**

**138190 [01/15/2010 14:10]:**

Job completed. - LDY

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	4	1		
2	523.2	4	1		
3	514.6	4	1		
4	803.2	3	1		
5	576.4	3	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		TRUJILLO, KEVIN	01/12/2010	N	4	18.46	73.84
					<b>Subtotal</b>		<b>73.84</b>
2		HUTCHINS, WESLEY	01/12/2010	N	4	26.77	107.08
					<b>Subtotal</b>		<b>107.08</b>
3		BROOKES, ROGER	01/12/2010	N	4	20.01	80.04
					<b>Subtotal</b>		<b>80.04</b>
4		BESHEARS, GARLAND	01/12/2010	BASE	3	33.07	99.21
					<b>Subtotal</b>		<b>99.21</b>
5		WILLIAMS, JOSEPH	01/12/2010	BASE	3	0.00	0.00
					<b>Subtotal</b>		<b>0.00</b>
					<b>Total</b>		<b>360.17</b>

<b>Work Order</b>	250696 (DWO) NEWPP-Belt Press - BPMONTH	<b>Scheduled Start Date</b>	07/01/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q044 NEWPP-Belt Press - BPMONTH	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality Assigned To</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned By</b>	
<b>Project</b>			
<b>Standard WO</b>			
<b>Equipment</b>	603100 (DWO) BELT PRESS (09BP203)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M968	<b>Estimated Hours</b>	0.1
<b>Manufacturer</b>			
<b>Equipment Model</b>	GRSL-2 SERIES III	<b>Estimated Cost</b>	3.69
<b>Equipment Serial Number</b>	UN-1088	<b>Actual Cost</b>	3.69
<b>Date Started</b>	07/01/2010	<b>Date Completed</b>	08/03/2010

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	801.1	0.1	1	Q044	NEWPP-PM-Belt Press
<p><b>121419 [08/26/2008 08:37]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>Wipe down all surfaces of the components to be worked on. Before applying grease</p>					

WO Actual Labor Hours							
Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	Q044	Stepp, Raymond	08/03/2010	BASE	0.1	36.91	3.69
						<b>Subtotal</b>	<b>3.69</b>
						<b>Total</b>	<b>3.69</b>

<b>Work Order</b>	250699 (DWO) NEWPP-Belt Press - BPQUAR	<b>Scheduled Start Date</b>	07/01/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q045 NEWPP-Belt Press - BPQUAR	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	603100 (DWO) BELT PRESS (09BP203)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M968	<b>Estimated Hours</b>	0.1
<b>Manufacturer</b>			
<b>Equipment Model</b>	GRSL-2 SERIES III	<b>Estimated Cost</b>	3.69
<b>Equipment Serial Number</b>	UN-1088	<b>Actual Cost</b>	3.69
<b>Date Started</b>	08/03/2010	<b>Date Completed</b>	08/03/2010

**Work Order Comments**

*138730 [08/03/2010 10:57]:*

Asset has been withdrawn from system per Garland.

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	801.1	0.1	1	Q045	NEWPP-PM-Belt Press
<i>121419 [08/26/2008 08:38]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
Wipe down all surfaces of the components to be worked on.					
Before applying grease					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	Q045	Stepp, Raymond	08/03/2010	BASE	0.1	36.91	3.69
						<b>Subtotal</b>	<b>3.69</b>
						<b>Total</b>	<b>3.69</b>

<b>Work Order</b>	252132 (DWO)	polymer pump at belt press #3 has a leak	<b>Scheduled Start Date</b>	05/06/2010
<b>Status</b>	Completed		<b>WO Type</b>	CM
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>	2000040018	DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	Y
<b>Problem Code</b>	MAINT	MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330	Beshears, Garland W	<b>Assigned To</b>	133895
<b>Project</b>			<b>Assigned By</b>	090534
<b>Standard WO</b>				
<b>Equipment</b>	603100 (DWO)	BELT PRESS (09BP203)		
<b>Location</b>	NEWPP (DWO)	(DNE) NEWPS		
<b>Equipment</b>	M968		<b>Estimated Hours</b>	4
<b>Manufacturer</b>				
<b>Equipment Model</b>	GRSL-2 SERIES III		<b>Estimated Cost</b>	90.86
<b>Equipment Serial Number</b>	UN-1088		<b>Actual Cost</b>	90.86
<b>Date Started</b>	05/06/2010		<b>Date Completed</b>	05/06/2010

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	2	1		
2	514.6	2	1		

WO Actual Labor Hours							
Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		TRUJILLO, KEVIN	05/06/2010	BASE	2	25.42	50.84
		BROOKES, ROGER	05/06/2010	BASE	2	20.01	40.02
				<b>Subtotal</b>			<b>90.86</b>
				<b>Total</b>			<b>90.86</b>

<b>Work Order</b>	263336 (DWO)	Polymer standpipe pump discharge hose and static mixer inlet bad	<b>Scheduled Start Date</b>	05/27/2010
<b>Status</b>	Completed		<b>WO Type</b>	BRKD
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>			<b>Safety</b>	N
<b>Problem Code</b>	MAINT	MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330	Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>			<b>Assigned By</b>	096216
<b>Standard WO</b>				
<b>Equipment</b>	603100 (DWO)	BELT PRESS (09BP203)		
<b>Location</b>	NEWPP (DWO)	(DNE) NEWPS		
<b>Equipment</b>	M968		<b>Estimated Hours</b>	4
<b>Manufacturer</b>				
<b>Equipment Model</b>	GRSL-2 SERIES III		<b>Estimated Cost</b>	99.24
<b>Equipment Serial Number</b>	UN-1088		<b>Actual Cost</b>	90.86
<b>Date Started</b>	05/27/2010		<b>Date Completed</b>	06/17/2010

**Work Order Comments**

**133897 [05/27/2010 14:21]:**

Polymer standpipe pump discharge hose and static mixer inlet bad-repaired  
 133897-2.0hrs-5/27/10  
 135758-2.0hrs-5/27/10

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	2	1		
2	514.5	2	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		KENLEY, ERIC	05/27/2010	BASE	2	25.42	50.84
						<b>Subtotal</b>	<b>50.84</b>
2		BROOKES, ROGER	05/27/2010	BASE	2	20.01	40.02
						<b>Subtotal</b>	<b>40.02</b>
						<b>Total</b>	<b>90.86</b>

<b>Work Order</b>	283916 (DWO) Troubleshoot and Repair Faulty Trip on Control System at Belt Press 3.	<b>Scheduled Start Date</b>	06/21/2010
<b>Status</b>	Completed	<b>WO Type</b>	INST
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	SCADA SCADA / INSTRUMENTATION	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	138190
<b>Project</b>		<b>Assigned By</b>	090534
<b>Standard WO</b>			
<b>Equipment</b>	603100 (DWO) BELT PRESS (09BP203)		
<b>Location</b>	NEWPP (DWO) (DNE) NEWPS		
<b>Equipment</b>	M968	<b>Estimated Hours</b>	14
<b>Manufacturer</b>			
<b>Equipment Model</b>	GRSL-2 SERIES III	<b>Estimated Cost</b>	438.20
<b>Equipment Serial Number</b>	UN-1088	<b>Actual Cost</b>	203.45
<b>Date Started</b>	06/21/2010	<b>Date Completed</b>	06/21/2010

**Work Order Comments**

*128330 [08/03/2010 11:27]:*  
 ACCORDING TO LDY,, JOB COMPLETE

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	441.2	14	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		YOUNTS, LYNN	06/21/2010	BASE	6.5	31.30	203.45
						<b>Subtotal</b>	<b>203.45</b>
						<b>Total</b>	<b>203.45</b>

<b>Work Order</b>	289619 (DWO) NEWPP-Belt Press - BPMONTH	<b>Scheduled Start Date</b>	09/29/2010
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q044 NEWPP-Belt Press - BPMONTH	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	138730 Stepp, Raymond	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	603100 (DWO) BELT PRESS (09BP203)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M968	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	GRSL-2 SERIES III	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	UN-1088	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q044	NEWPP-PM-Belt Press
<p><b>121419 [08/26/2008 08:37]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>Wipe down all surfaces of the components to be worked on. Before applying grease</p>					

<b>Work Order</b>	289630 (DWO) NEWPP-Belt Press - BPQUAR	<b>Scheduled Start Date</b>	09/29/2010
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q045 NEWPP-Belt Press - BPQUAR	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	138730 Stepp, Raymond	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	603100 (DWO) BELT PRESS (09BP203)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M968	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	GRSL-2 SERIES III	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	UN-1088	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q045	NEWPP-PM-Belt Press
<p><b>121419 [08/26/2008 08:38]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>Wipe down all surfaces of the components to be worked on. Before applying grease</p>					

<b>Work Order</b>	87707 (DWO) NEWPP-Belt Press - BPQUAR	<b>Scheduled Start Date</b>	03/01/2009
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q045 NEWPP-Belt Press - BPQUAR	<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	603100 (DWO) BELT PRESS (09BP203)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M968	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	GRSL-2 SERIES III	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	UN-1088	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	03/03/2009

**Work Order Comments**

*128330 [03/03/2009 08:11]:*  
PM PERFORMED BY CONTRACTOR

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q045	NEWPP-PM-Belt Press
<p><i>121419 [08/26/2008 08:38]:</i></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>Wipe down all surfaces of the components to be worked on. Before applying grease</p>					

<b>Work Order</b>	168608 (DWO) NEWPP-PM-FLOWMETERS-ANNUAL	<b>Scheduled Start Date</b>	08/27/2009
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	A122 NEWPP-PM-FLOWMETERS-ANNUAL	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602814 (DWO) FMT 7101 THICKENER 1 INLET FLOWMETER (09FIT1000)		
<b>Location</b>		<b>Estimated Hours</b>	1
<b>Equipment</b>		<b>Estimated Cost</b>	31.30
<b>Manufacturer</b>		<b>Actual Cost</b>	0.00
<b>Equipment Model</b>			
<b>Equipment Serial Number</b>			
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	441.2	1	1		

<b>Work Order</b>	228201 (DWO) SCADA / INSTRUMENTATION	<b>Scheduled Start Date</b>	12/23/2009
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	SCADA SCADA / INSTRUMENTATION	<b>Equip Criticality</b>	
<b>Reported By</b>	099175 VanWave, Christopher	<b>Assigned To</b>	122522
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602814 (DWO) FMT 7101 THICKENER 1 INLET FLOWMETER (09FIT1000)		
<b>Location</b>		<b>Estimated Hours</b>	10.5
<b>Equipment</b>			
<b>Manufacturer</b>		<b>Estimated Cost</b>	337.45
<b>Equipment Model</b>		<b>Actual Cost</b>	473.17
<b>Equipment Serial Number</b>			
<b>Date Started</b>	12/23/2009	<b>Date Completed</b>	02/01/2010

**Work Order Comments**

**099175 [12/23/2009 10:57]:**

Calibration of flow meter needed. Flows fluctuation 0- 3100 GPM

**128330 [12/28/2009 08:58]:**

Transmitter is Endress+Hauser Promag 50. Model 50W3F-ULOA1K2B4AH. Serial Number 530CFE91000. - LDY

**128330 [12/28/2009 15:10]:**

Model number above is not correct. Correct Model Number is 50W3F-UL0A1AK2B4AH. Local Indicator is EXE34/04 50098391, but spare parts catalog calls for Order Code 50108131. Attempting to locate correct Model from Endress+Hauser. - LDY

**128330 [01/04/2010 07:32]:**

Both North and South Thickener Flow Meters Reading on SCADA. South Thickener Flow Transmitter Needs a Local Indicator Module, but the North Thickener (the one this work order written for) Currently has an Operational Module. Both Transmitters Tracked the Flow when Hand Operated Valves were Opened and Closed. Joe Williams and Lynn Younts did Testing 12/31/2009.

**128330 [01/28/2010 09:03]:**

Long and I examined South Thickener Flow Meter and discovered damaged pins in the socket where the local indicator plugs in. Consequently, the new local indicator (and others that were known good) would not function. Recommend leaving without local indication since SCADA in the Control Room works fine. If Operations decides local indication is critical we can purchase new mother board or entire flow transmitter. Checked North Thickener Flow Transmitter again to verify it's local indicator and SCADA readout. - LDY

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	1		
2	441.3	4	1		
3	441.2	5.5	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
2		NGUYEN, LONG	12/28/2009	N	1	34.97	34.97
						<b>Subtotal</b>	<b>34.97</b>

Work Order	228201 (DWO)	SCADA / INSTRUMENTATION			Scheduled Start Date	12/23/2009	
Status	Completed				WO Type	CM	
3		YOUNTS, LYNN	12/23/2009	BASE	1	31.30	31.30
		YOUNTS, LYNN	12/28/2009	BASE	3.5	31.30	109.55
		YOUNTS, LYNN	12/29/2009	BASE	1	31.30	31.30
		YOUNTS, LYNN	12/31/2009	BASE	4	31.30	125.20
		YOUNTS, LYNN	01/26/2010	BASE	2.5	31.30	78.25
		YOUNTS, LYNN	01/27/2010	BASE	2	31.30	62.60
					<b>Subtotal</b>		<b>438.20</b>
					<b>Total</b>		<b>473.17</b>

<b>Work Order</b>	235007 (DWO) SouthThickenerFlowmeter: RepairOrReplaceTransmitterOrCircuit Boards as Needed.	<b>Scheduled Start Date</b>	02/09/2010
<b>Status</b>	Completed	<b>WO Type</b>	INST
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	138730 Stepp, Raymond	<b>Assigned To</b>	138190
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602814 (DWO) FMT 7101 THICKENER 1 INLET FLOWMETER (09FIT1000)		
<b>Location</b>	NEWPP (DWO) (DNE) NEWPS		
<b>Equipment</b>		<b>Estimated Hours</b>	2
<b>Manufacturer</b>		<b>Estimated Cost</b>	66.27
<b>Equipment Model</b>		<b>Actual Cost</b>	874.70
<b>Equipment Serial Number</b>			
<b>Date Started</b>	02/09/2010	<b>Date Completed</b>	07/12/2010

**Work Order Comments**

**138190 [02/10/2010 13:28]:**

Long and I are waiting on a quote from Randy at Endress+Hauser for circuit boards and an entire transmitter. - LDY

**138190 [06/22/2010 15:27]:**

Transmitter installed. Programming still needed. - LDY

**138190 [07/16/2010 15:31]:**

Transmitter Programmed and Reading Locally. Not reading on SCADA yet. New GSD file required or flash old GSD into transmitter. - LDY

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	441.3	1	1		
2	441.2	1	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
2		YOUNTS, LYNN	02/09/2010	N	4	19.00	76.00
		YOUNTS, LYNN	02/10/2010	N	2.5	19.00	47.50
		YOUNTS, LYNN	06/07/2010	BASE	7	31.30	219.10
		YOUNTS, LYNN	06/08/2010	BASE	7	31.30	219.10
		YOUNTS, LYNN	06/09/2010	BASE	1.5	31.30	46.95
		YOUNTS, LYNN	07/09/2010	BASE	2	31.30	62.60
		YOUNTS, LYNN	07/12/2010	BASE	6.5	31.30	203.45
					<b>Subtotal</b>		<b>874.70</b>
					<b>Total</b>		<b>874.70</b>

<b>Work Order</b>	227000 (DWO) Pick up Piping at Westheimer and Deliver to NEWPP	<b>Scheduled Start Date</b>	12/10/2009
<b>Status</b>	Completed	<b>WO Type</b>	NP
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	NA NOT APPLICABLE	<b>Equip Criticality</b>	
<b>Reported By</b>	138190 Younts, Lynn	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602571 (DWO) PIP3101 SLUDGE PIPING	<b>Estimated Hours</b>	10.5
<b>Location</b>			
<b>Equipment</b>		<b>Estimated Cost</b>	203.72
<b>Manufacturer</b>		<b>Actual Cost</b>	150.89
<b>Equipment Model</b>			
<b>Equipment Serial Number</b>			
<b>Date Started</b>	12/10/2009	<b>Date Completed</b>	02/05/2010

**Work Order Comments**

*128330 [02/03/2010 13:06]:*  
 Roger Brookes picked up pipe from Westheimer, and delivered it to NEWPP

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	441.2	2.5	1		
2	514.6	5	1		
3	528.2	1	1		
4	576.4	2	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
2		TRUJILLO, KEVIN	12/10/2009	BASE	1	25.42	25.42
		KENLEY, ERIC	12/10/2009	BASE	1	25.42	25.42
		BROOKES, ROGER	12/10/2009	BASE	5	20.01	100.05
					<b>Subtotal</b>		<b>150.89</b>
4		WILLIAMS, JOSEPH	12/10/2009	BASE	2	0.00	0.00
							<b>Subtotal</b>
					<b>Total</b>		<b>150.89</b>

<b>Work Order</b>	276202 (DWO) Repair Freeze Damage at Belt Press Area to Strainer Near BackFlow Preventer.	<b>Scheduled Start Date</b>	07/02/2010
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	090534
<b>Standard WO</b>			
<b>Equipment</b>	602571 (DWO) PIP3101 SLUDGE PIPING		
<b>Location</b>	NEWPP (DWO) (DNE) NEWPS		
<b>Equipment</b>		<b>Estimated Hours</b>	10
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	162.94
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	497.68
<b>Date Started</b>	07/13/2010	<b>Date Completed</b>	08/30/2010

**Work Order Comments**

**090534 [08/30/2010 10:05]:**

Joe Williams and Roger Brookes changed out leaking part and replaced with new one. Hydrants were shut off to make repairs and reopened to check for leaks. Work order need cost for parts which will be provided by Garland Beshears(Purchaser)

**090534 [08/30/2010 10:06]:**

Joe Williams and Roger Brookes spent 4 hrs. each on 8/30/10 for repairs.

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	803.2	2	1		
2	514.5	4	1		
3	576.4	4	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		BESHEARS, GARLAND	07/13/2010	BASE	2	33.07	66.14
					<b>Subtotal</b>		<b>66.14</b>
2		BROOKES, ROGER	08/30/2010	BASE	4	20.01	80.04
					<b>Subtotal</b>		<b>80.04</b>
3		WILLIAMS, JOSEPH	08/30/2010	BASE	4	0.00	0.00
					<b>Subtotal</b>		<b>0.00</b>
					<b>Total</b>		<b>146.18</b>

<b>Work Order</b>	345226 (DWO) sump pump in sludge pit /floats bad	<b>Scheduled Start Date</b>	03/01/2011
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	133895 Trujillo, Kevin	<b>Assigned To</b>	133895
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602571 (DWO) PIP3101 SLUDGE PIPING		
<b>Location</b>	165 (DWO) NORTHEAST WATER PURIFICATION PLANT		
<b>Equipment Manufacturer</b>		<b>Estimated Hours</b>	3
<b>Equipment Model</b>		<b>Estimated Cost</b>	76.39
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	978.80
<b>Date Started</b>	03/09/2011	<b>Date Completed</b>	06/13/2011

**Work Order Comments**

**133895 [03/09/2011 08:46]:**  
 need to order floats/new pump for sludge pit  
 3-3  
 102898 2 hrs  
 133895 2 hrs  
 135758 2 hrs  
 removed pump  
 133895 2 hrs  
 102898 2 hrs  
 135758 2 hrs

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1		
2	523.2	1	1		
3	528.2	1	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		BROOKES, ROGER	03/09/2011	BASE	1	20.01	20.01
		BROOKES, ROGER	03/09/2011	BASE	3	20.01	60.03
					<b>Subtotal</b>		<b>80.04</b>
2		HUTCHINS, WESLEY	03/09/2011	BASE	3	26.77	80.31
		HUTCHINS, WESLEY	03/09/2011	BASE	1	26.77	26.77
					<b>Subtotal</b>		<b>107.08</b>
3		TRUJILLO, KEVIN	03/09/2011	BASE	1	25.42	25.42
		TRUJILLO, KEVIN	03/09/2011	BASE	3	25.42	76.26

<b>Work Order</b>	345226 (DWO) sump pump in sludge pit /floats bad	<b>Scheduled Start Date</b>	03/01/2011
<b>Status</b>	Completed	<b>WO Type</b>	CM

<b>Subtotal</b>	<u>101.68</u>
<b>Total</b>	<u>288.80</u>

<b>Work Order</b>	106423 (DWO) Sludge pump runs intermittently	<b>Scheduled Start Date</b>	11/21/2008
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P2
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	DEPO BUILD UP OF DEPOSITS	<b>Equip Criticality</b>	
<b>Reported By</b>	133895 Trujillo, Kevin	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602820 (DWO) RSP 7102 SLUDGE PUMP 2 DISCHARGE FLOW (09FIT1003)		
<b>Location</b>	SLDGE PROC (DWO) (DNE) SLUDGE PROCESSING		
<b>Equipment</b>		<b>Estimated Hours</b>	5
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	134.33
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	191.07
<b>Date Started</b>	11/21/2008	<b>Date Completed</b>	11/25/2008

**Work Order Comments**

*128330 [11/24/2008 14:43]:*

Checked out motor with amp probe, reset unit problem ok.

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	523.2	1	1		
2	441.2	1	1		
3	528.2	3	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		HUTCHINS, WESLEY	11/21/2008	N	3	26.77	80.31
					<b>Subtotal</b>		<b>80.31</b>
3		TRUJILLO, KEVIN	11/21/2008	N	3	18.46	55.38
		KENLEY, ERIC	11/21/2008	N	3	18.46	55.38
					<b>Subtotal</b>		<b>110.76</b>
					<b>Total</b>		<b>191.07</b>

<b>Work Order</b>	168611 (DWO) NEWPP-PM-FLOWMETERS-ANNUAL	<b>Scheduled Start Date</b>	08/27/2009
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	A122 NEWPP-PM-FLOWMETERS-ANNUAL	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	C3
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602820 (DWO) RSP 7102 SLUDGE PUMP 2 DISCHARGE FLOW (09FIT1003)		
<b>Location</b>		<b>Estimated Hours</b>	1
<b>Equipment</b>		<b>Estimated Cost</b>	31.30
<b>Manufacturer</b>		<b>Actual Cost</b>	0.00
<b>Equipment Model</b>			
<b>Equipment Serial Number</b>			
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	441.2	1	1		

<b>Work Order</b>	227625 (DWO) Sludge Pump 2 Discharge Flow Meter no power	<b>Scheduled Start Date</b>	12/16/2009
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	SCADA SCADA / INSTRUMENTATION	<b>Equip Criticality</b>	C3
<b>Reported By</b>	133897 Kenley, Eric Scott	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602820 (DWO) RSP 7102 SLUDGE PUMP 2 DISCHARGE FLOW (09FIT1003)		
<b>Location</b>		<b>Estimated Hours</b>	11
<b>Equipment</b>		<b>Estimated Cost</b>	274.87
<b>Manufacturer</b>		<b>Actual Cost</b>	578.56
<b>Equipment Model</b>			
<b>Equipment Serial Number</b>			
<b>Date Started</b>	12/16/2009	<b>Date Completed</b>	03/29/2010

**Work Order Comments**

**133897 [12/16/2009 13:01]:**  
 Sludge Pump 2 Discharge Flow Meter no power-reset breaker-OK  
 133897-1.5hrs-12/16/09  
 133895-1.5hrs-12/16/09  
 135758-1.5hrs-12/16/09

**133897 [12/21/2009 10:20]:**  
 Flowmeter trip-bad feeder wire-  
 Please leave open  
 133897-1.0hrs-12/21/09

**133897 [03/22/2010 15:33]:**  
 Find alternate power source and reconnect-OK

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	523.2	1	1		
2	528.2	5	1		
3	514.5	5	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		HUTCHINS, WESLEY	12/16/2009	BASE	5	26.77	133.85
		HUTCHINS, WESLEY	03/22/2010	N	2	26.77	53.54
		KENLEY, ERIC	03/22/2010	N	2	18.46	36.92
						<b>Subtotal</b>	<b>224.31</b>
2		TRUJILLO, KEVIN	12/16/2009	BASE	5	25.42	127.10
		KENLEY, ERIC	12/16/2009	BASE	5	25.42	127.10
						<b>Subtotal</b>	<b>254.20</b>

<b>Work Order</b>	227625 (DWO)	Sludge Pump 2 Discharge Flow Meter no power	<b>Scheduled Start Date</b>	12/16/2009
<b>Status</b>	Completed		<b>WO Type</b>	CM
3		BROOKES, ROGER	12/16/2009	BASE
			5	20.01
				100.05
			<b>Subtotal</b>	<b>100.05</b>
			<b>Total</b>	<b>578.56</b>

<b>Work Order</b>	145738 (DWO) No flow indication	<b>Scheduled Start Date</b>	05/12/2009
<b>Status</b>	Completed	<b>WO Type</b>	INST
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	SCADA SCADA / INSTRUMENTATION	<b>Equip Criticality</b>	
<b>Reported By</b>	133897 Kenley, Eric Scott	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602815 (DWO) FMT 7103 THICKENER 3 INLET FLOWMETER (09FIT2001)		
<b>Location</b>		<b>Estimated Hours</b>	1
<b>Equipment</b>		<b>Estimated Cost</b>	25.42
<b>Manufacturer</b>		<b>Actual Cost</b>	25.42
<b>Equipment Model</b>			
<b>Equipment Serial Number</b>			
<b>Date Started</b>	05/12/2009	<b>Date Completed</b>	06/10/2009

**Work Order Comments**

*133897 [05/12/2009 14:11]:*  
 Repaired profibus connection at settled water channel 2 level indicator-OK  
 133897-1.0hrs-5/12/09

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	1		

**Scheduled Hours**

Activity	Task	Employee	Start Time	Hours	Rate	Line Total
1		PERRY, MARQUITA	05/18/2009	1	36.91	36.91

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		KENLEY, ERIC	05/12/2009	BASE	1	25.42	25.42
						<b>Subtotal</b>	<b>25.42</b>
						<b>Total</b>	<b>25.42</b>

<b>Work Order</b>	168609 (DWO) NEWPP-PM-FLOWMETERS-ANNUAL	<b>Scheduled Start Date</b>	08/27/2009
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	A122 NEWPP-PM-FLOWMETERS-ANNUAL	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602815 (DWO) FMT 7103 THICKENER 3 INLET FLOWMETER (09FIT2001)		
<b>Location</b>		<b>Estimated Hours</b>	1
<b>Equipment</b>		<b>Estimated Cost</b>	31.30
<b>Manufacturer</b>		<b>Actual Cost</b>	0.00
<b>Equipment Model</b>			
<b>Equipment Serial Number</b>			
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	441.2	1	1		

<b>Work Order</b>	233547 (DWO)	feed line to east thickner of the rotometer is leaking	<b>Scheduled Start Date</b>	02/01/2010
<b>Status</b>	Completed		<b>WO Type</b>	CM
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>	2000040018	DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT	MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	137967	Pamela Thomas	<b>Assigned To</b>	135758
<b>Project</b>			<b>Assigned By</b>	096216
<b>Standard WO</b>				
<b>Equipment</b>	602815 (DWO)	FMT 7103 THICKENER 3 INLET FLOWMETER (09FIT2001)		
<b>Location</b>	NEWPP (DWO)	(DNE) NEWPS		
<b>Equipment</b>			<b>Estimated Hours</b>	3
<b>Manufacturer</b>				
<b>Equipment Model</b>			<b>Estimated Cost</b>	75.04
<b>Equipment Serial Number</b>			<b>Actual Cost</b>	38.47
<b>Date Started</b>	02/01/2010		<b>Date Completed</b>	02/04/2010

**Work Order Comments**

*135758 [02/01/2010 15:18]:*  
 repair leak : ok

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	2	1		
2	514.5	1	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		TRUJILLO, KEVIN	02/01/2010	N	1	18.46	18.46
						<b>Subtotal</b>	<b>18.46</b>
2		BROOKES, ROGER	02/01/2010	N	1	20.01	20.01
						<b>Subtotal</b>	<b>20.01</b>
						<b>Total</b>	<b>38.47</b>

<b>Work Order</b>	248262 (DWO) No reading for flow	<b>Scheduled Start Date</b>	04/04/2010
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	137967 Pamela Thomas	<b>Assigned To</b>	138190
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602815 (DWO) FMT 7103 THICKENER 3 INLET FLOWMETER (09FIT2001)		
<b>Location</b>	NEWPP (DWO) (DNE) NEWPS		
<b>Equipment</b>		<b>Estimated Hours</b>	2
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	62.60
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	38.00
<b>Date Started</b>	04/05/2010	<b>Date Completed</b>	06/01/2010

**Work Order Comments**

**138190 [04/05/2010 12:41]:**

09FIT2001 is on the East Thickener (#3) and appears to be operational. Additionally: Thickener #1 Inlet Flowmeter (North Thickener) is operational on SCADA. Thickener #2 (South Thickener) Inlet Flowmeter has a failed transmitter and a replacement is making its way through the procurement process. - LDY

**138190 [04/07/2010 11:30]:**

Spent 2 Hours 4-5-2010 on this project. - LDY

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	441.2	2	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		YOUNTS, LYNN	04/05/2010	N	2	19.00	38.00
						<b>Subtotal</b>	<b>38.00</b>
						<b>Total</b>	<b>38.00</b>

<b>Work Order</b>	168612 (DWO) NEWPP-PM-FLOWMETERS-ANNUAL	<b>Scheduled Start Date</b>	08/27/2009
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	A122 NEWPP-PM-FLOWMETERS-ANNUAL	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	C3
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602822 (DWO) RSP 7103 SLUDGE PUMP 3 DISCHARGE FLOW (09FIT2002)		
<b>Location</b>		<b>Estimated Hours</b>	1
<b>Equipment</b>		<b>Estimated Cost</b>	31.30
<b>Manufacturer</b>		<b>Actual Cost</b>	0.00
<b>Equipment Model</b>			
<b>Equipment Serial Number</b>			
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
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1	441.2	1	1		
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<b>Work Order</b>	168613 (DWO) NEWPP-PM-FLOWMETERS-ANNUAL	<b>Scheduled Start Date</b>	08/27/2009
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	A122 NEWPP-PM-FLOWMETERS-ANNUAL	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	C3
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602823 (DWO) RSP 7104 SLUDGE PUMP 4 DISCHARGE FLOW (09FIT2003)		
<b>Location</b>		<b>Estimated Hours</b>	1
<b>Equipment</b>		<b>Estimated Cost</b>	31.30
<b>Manufacturer</b>		<b>Actual Cost</b>	0.00
<b>Equipment Model</b>			
<b>Equipment Serial Number</b>			
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	441.2	1	1		

<b>Work Order</b>	112897 (DWO)	Replace polymer pump at thicker that has stroke @ speed knob	<b>Scheduled Start Date</b>	01/22/2009
<b>Status</b>	Completed		<b>WO Type</b>	CM
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>			<b>Safety</b>	N
<b>Problem Code</b>	MAINT	MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	133895	Trujillo, Kevin	<b>Assigned To</b>	
<b>Project</b>			<b>Assigned By</b>	086056
<b>Standard WO</b>				
<b>Equipment</b>	602841 (DWO)	TK7101 THICKENER 1 (09THK01)	<b>Estimated Hours</b>	2
<b>Location</b>	ST-P/S (DWO)	(DNE) SLUDGE THICKENER - P/S		
<b>Equipment Manufacturer</b>			<b>Estimated Cost</b>	49.62
<b>Equipment Model</b>			<b>Actual Cost</b>	42.66
<b>Equipment Serial Number</b>				
<b>Date Started</b>	01/22/2009		<b>Date Completed</b>	02/06/2009

**Work Order Comments**

*128330 [02/03/2009 10:54]:*  
 Replaced pump with repaired unit

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1		
2	528.2	1	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		BROOKES, ROGER	01/22/2009	N	1	24.20	24.20
						<b>Subtotal</b>	<b>24.20</b>
2		KENLEY, ERIC	01/22/2009	N	1	18.46	18.46
						<b>Subtotal</b>	<b>18.46</b>
						<b>Total</b>	<b>42.66</b>

<b>Work Order</b>	113855 (DWO) NEWPP-SLUDGE THICKNER (QUARTELY) THCKQTRLY	<b>Scheduled Start Date</b>	05/02/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q059 NEWPP-SLUDGE THICKNER (QUARTELY) THCKQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602841 (DWO) TK7101 THICKENER 1 (09THK01)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment Manufacturer</b>		<b>Estimated Hours</b>	0.5
<b>Equipment Model</b>		<b>Estimated Cost</b>	12.10
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	10.01
<b>Date Started</b>	05/19/2009	<b>Date Completed</b>	07/17/2009

**Work Order Comments**

*128330 [07/17/2009 14:17]:*  
Unit operating no problems found.

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	0.5	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		BROOKES, ROGER	05/19/2009	BASE	0.5	20.01	10.01
						<b>Subtotal</b>	<b>10.01</b>
						<b>Total</b>	<b>10.01</b>

<b>Work Order</b>	121139 (DWO) NEWPP-Sludge Thickener - THCKSEMI	<b>Scheduled Start Date</b>	08/23/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	S062 NEWPP-Sludge Thickener - THCKSEMI	<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	138190 Younts, Lynn	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602841 (DWO) TK7101 THICKENER 1 (09THK01)	<b>Estimated Hours</b>	2.75
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S	<b>Estimated Cost</b>	71.88
<b>Equipment Manufacturer</b>		<b>Actual Cost</b>	43.49
<b>Equipment Model</b>			
<b>Equipment Serial Number</b>			
<b>Date Started</b>	11/13/2009	<b>Date Completed</b>	12/21/2009

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	S062	NEWPP-PM-Sludge Thickener
<i>121419 [08/26/2008 09:10]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
-CHECK OIL LEVEL IN MAIN GEAR HOUSING					
-REMOVE ANY DEBRIS FROM SURFACE AND WEIR AR					
2	514.5	1	1		
3	441.2	0.75	1		

WO Actual Labor Hours							
Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	S062	BROOKES, ROGER	11/13/2009	BASE	1	20.01	20.01
					<b>Subtotal</b>		<b>20.01</b>
3		YOUNTS, LYNN	12/17/2009	BASE	0.75	31.30	23.48
					<b>Subtotal</b>		<b>23.48</b>
					<b>Total</b>		<b>43.49</b>

<b>Work Order</b>	178336 (DWO) NEWPP-SLUDGE THICKNER (QUARTELY) THCKQTRLY	<b>Scheduled Start Date</b>	09/24/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q059 NEWPP-SLUDGE THICKNER (QUARTELY) THCKQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602841 (DWO) TK7101 THICKENER 1 (09THK01)	<b>Estimated Hours</b>	1
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment Manufacturer</b>		<b>Estimated Cost</b>	24.20
<b>Equipment Model</b>		<b>Actual Cost</b>	20.01
<b>Equipment Serial Number</b>			
<b>Date Started</b>	11/13/2009	<b>Date Completed</b>	12/03/2009

**Work Order Comments**

*128330 [12/02/2009 14:54]:*  
Completed

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		BROOKES, ROGER	11/13/2009	BASE	1	20.01	20.01
						<b>Subtotal</b>	<b>20.01</b>
						<b>Total</b>	<b>20.01</b>

<b>Work Order</b>	178354 (DWO) NEWPP-SLUDGE THICKENER (ANNUAL)-THCKANN	<b>Scheduled Start Date</b>	09/24/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	A105 NEWPP-SLUDGE THICKENER (ANNUAL)-THCKANN	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	090534 Williams, Joseph O.	<b>Assigned To</b>	090534
<b>Project</b>		<b>Assigned By</b>	090534
<b>Standard WO</b>			
<b>Equipment</b>	602841 (DWO) TK7101 THICKENER 1 (09THK01)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment Manufacturer</b>		<b>Estimated Hours</b>	13
<b>Equipment Model</b>		<b>Estimated Cost</b>	122.22
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	45.43
<b>Date Started</b>	03/03/2011	<b>Date Completed</b>	03/04/2011

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	A105	NEWPP-PM-SLUDGE THICKENER
					<i>121419 [08/26/2008 09:09]:</i>
					- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)
					- LOCKOUT/TAGOUT EQUIPMENT
					- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-
					- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION
					-CHECK OIL LEVEL IN MAIN GEAR HOUSING
					-REMOVE ANY DEBRIS FROM SURFACE AND WEIR AR
2	576.4	8	1		
3	514.5	4	1		

WO Actual Labor Hours							
Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	A105	TRUJILLO, KEVIN	03/03/2011	BASE	1	25.42	25.42
					<b>Subtotal</b>		<b>25.42</b>
2		WILLIAMS, JOSEPH	03/03/2011	BASE	3	0.00	0.00
		WILLIAMS, JOSEPH	03/04/2011	BASE	5	0.00	0.00
					<b>Subtotal</b>		<b>0.00</b>
3		BROOKES, ROGER	03/03/2011	BASE	1	20.01	20.01
					<b>Subtotal</b>		<b>20.01</b>
					<b>Total</b>		<b>45.43</b>

<b>Work Order</b>	224729 (DWO) PUMP SOUTH THICKER TO NORTH/CLEAN UP HOSES	<b>Scheduled Start Date</b>	11/23/2009
<b>Status</b>	Completed	<b>WO Type</b>	BRKD
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	133895 Trujillo, Kevin	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602841 (DWO) TK7101 THICKENER 1 (09THK01)	<b>Estimated Hours</b>	7.5
<b>Location</b>		<b>Estimated Cost</b>	190.98
<b>Equipment</b>		<b>Actual Cost</b>	180.50
<b>Manufacturer</b>			
<b>Equipment Model</b>			
<b>Equipment Serial</b>			
<b>Number</b>			
<b>Date Started</b>	11/23/2009	<b>Date Completed</b>	12/03/2009

**Work Order Comments**

*133895 [11/24/2009 07:54]:*

133895	11/23/09	2.5HRS
135758	11/23/09	2.5HRS
102898	11/23/09	2.5HRS

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	2.5	1		
2	523.2	2.5	1		
3	528.2	2.5	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		BROOKES, ROGER	11/24/2009	BASE	2.5	20.01	50.03
					<b>Subtotal</b>		<b>50.03</b>
2		HUTCHINS, WESLEY	11/23/2009	BASE	2.5	26.77	66.93
					<b>Subtotal</b>		<b>66.93</b>
3		TRUJILLO, KEVIN	11/23/2009	BASE	2.5	25.42	63.55
					<b>Subtotal</b>		<b>63.55</b>
					<b>Total</b>		<b>180.50</b>

<b>Work Order</b>	226432 (DWO) South Thickener check hour gauge	<b>Scheduled Start Date</b>	12/08/2009
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	135758 Brooks, Roger	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602841 (DWO) TK7101 THICKENER 1 (09THK01)	<b>Estimated Hours</b>	4.5
<b>Location</b>		<b>Estimated Cost</b>	114.59
<b>Equipment</b>		<b>Actual Cost</b>	108.30
<b>Manufacturer</b>			
<b>Equipment Model</b>			
<b>Equipment Serial Number</b>			
<b>Date Started</b>	12/08/2009	<b>Date Completed</b>	02/05/2010

**Work Order Comments**

**133897 [12/08/2009 11:35]:**

South Thickener check hour gauge-bad, requires replacement  
 Please leave open  
 135758-1.5hrs-12/8/09  
 133895-1.5hrs-12/8/09  
 102898-1.5hrs-12/8/09

**128330 [02/03/2010 12:25]:**

The hour gage was on the 6" trash pump that belongs to waste water is not working will check into getting it repaired  
 This work request should have been misalliance not for the thickner

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1.5	1		
2	528.2	1.5	1		
3	523.2	1.5	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		BROOKES, ROGER	12/08/2009	BASE	1.5	20.01	30.02
					<b>Subtotal</b>		<b>30.02</b>
2		TRUJILLO, KEVIN	12/08/2009	BASE	1.5	25.42	38.13
					<b>Subtotal</b>		<b>38.13</b>
3		HUTCHINS, WESLEY	12/08/2009	BASE	1.5	26.77	40.16
					<b>Subtotal</b>		<b>40.16</b>
					<b>Total</b>		<b>108.30</b>

<b>Work Order</b>	250934 (DWO) NEWPP-Sludge Thickeners - THICKWKLY	<b>Scheduled Start Date</b>	04/27/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P2
<b>PM Code</b>	W029 NEWPP-Sludge Thickeners - THICKWKLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	138730 Stepp, Raymond	<b>Assigned To</b>	138190
<b>Project</b>		<b>Assigned By</b>	090534
<b>Standard WO</b>			
<b>Equipment</b>	602841 (DWO) TK7101 THICKENER 1 (09THK01)		
<b>Location</b>	NEWPP (DWO) (DNE) NEWPS		
<b>Equipment</b>		<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	15.65
<b>Date Started</b>	04/28/2010	<b>Date Completed</b>	07/28/2010

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	W029	NEWPP-PM-Sludge Thickeners
<i>121419 [08/26/2008 09:11]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
-CHECK OIL LEVEL IN MAIN GEAR HOUSING					
-REMOVE ANY DEBRIS FROM SURFACE AND WEIR AR					

WO Actual Labor Hours							
Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	W029	YOUNTS, LYNN	04/28/2010	BASE	0.5	31.30	15.65
						<b>Subtotal</b>	<b>15.65</b>
						<b>Total</b>	<b>15.65</b>

<b>Work Order</b>	288214 (DWO)	NEWPP-Sludge Thickeners - THICKWKLY	<b>Scheduled Start Date</b>	08/02/2010
<b>Status</b>	Completed		<b>WO Type</b>	PM
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	
<b>PM Code</b>	W029	NEWPP-Sludge Thickeners - THICKWKLY	<b>Warranty</b>	N
<b>Cost Code</b>			<b>Safety</b>	N
<b>Problem Code</b>			<b>Equip Criticality</b>	
<b>Reported By</b>			<b>Assigned To</b>	
<b>Project</b>			<b>Assigned By</b>	
<b>Standard WO</b>				
<b>Equipment</b>	602841 (DWO)	TK7101 THICKENER 1 (09THK01)		
<b>Location</b>			<b>Estimated Hours</b>	1
<b>Equipment</b>			<b>Estimated Cost</b>	0.00
<b>Manufacturer</b>			<b>Actual Cost</b>	0.00
<b>Equipment Model</b>				
<b>Equipment Serial Number</b>				
<b>Date Started</b>			<b>Date Completed</b>	06/06/2011

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	GCON	1	1	W029	NEWPP-PM-Sludge Thickeners
<p><b>121419 [08/26/2008 09:11]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> <li>-CHECK OIL LEVEL IN MAIN GEAR HOUSING</li> <li>-REMOVE ANY DEBRIS FROM SURFACE AND WEIR AR</li> </ul>					

<b>Work Order</b>	376551 (DWO)	NEWPP-Sludge Thickeners - THICKWKLY	<b>Scheduled Start Date</b>	06/13/2011
<b>Status</b>	Cancelled		<b>WO Type</b>	PM
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	
<b>PM Code</b>	W029	NEWPP-Sludge Thickeners - THICKWKLY	<b>Warranty</b>	N
<b>Cost Code</b>			<b>Safety</b>	N
<b>Problem Code</b>			<b>Equip Criticality</b>	
<b>Reported By</b>			<b>Assigned To</b>	
<b>Project</b>			<b>Assigned By</b>	
<b>Standard WO</b>				
<b>Equipment</b>	602841 (DWO)	TK7101 THICKENER 1 (09THK01)		
<b>Location</b>			<b>Estimated Hours</b>	0.25
<b>Equipment</b>			<b>Estimated Cost</b>	0.00
<b>Manufacturer</b>			<b>Actual Cost</b>	0.00
<b>Equipment Model</b>				
<b>Equipment Serial Number</b>				
<b>Date Started</b>			<b>Date Completed</b>	08/29/2011

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	GCON	0.25	1	W029	NEWPP-PM-Sludge Thickeners
<p><b>121419 [08/26/2008 09:11]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> <li>-CHECK OIL LEVEL IN MAIN GEAR HOUSING</li> <li>-REMOVE ANY DEBRIS FROM SURFACE AND WEIR AR</li> </ul>					

<b>Work Order</b>	527627 (DWO) NEWPP-Sludge Thickeners - THICKWKLY	<b>Scheduled Start Date</b>	09/05/2011
<b>Status</b>	Work in Progress	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	
<b>PM Code</b>	W029 NEWPP-Sludge Thickeners - THICKWKLY	<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602841 (DWO) TK7101 THICKENER 1 (09THK01)		
<b>Location</b>		<b>Estimated Hours</b>	0.25
<b>Equipment</b>		<b>Estimated Cost</b>	0.00
<b>Manufacturer</b>		<b>Actual Cost</b>	0.00
<b>Equipment Model</b>			
<b>Equipment Serial</b>			
<b>Number</b>			
<b>Date Started</b>		<b>Date Completed</b>	

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	GCON	0.25	1	W029	NEWPP-PM-Sludge Thickeners
<b>121419 [08/26/2008 09:11]:</b> - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS) - LOCKOUT/TAGOUT EQUIPMENT - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT- - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION -CHECK OIL LEVEL IN MAIN GEAR HOUSING -REMOVE ANY DEBRIS FROM SURFACE AND WEIR AR					

<b>Work Order</b>	87755 (DWO) NEWPP-SLUDGE THICKNER (QUARTELY) THCKQTRLY	<b>Scheduled Start Date</b>	02/01/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q059 NEWPP-SLUDGE THICKNER (QUARTELY) THCKQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602841 (DWO) TK7101 THICKENER 1 (09THK01)	<b>Estimated Hours</b>	
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S	<b>Estimated Cost</b>	0.00
<b>Equipment Manufacturer</b>		<b>Actual Cost</b>	0.00
<b>Equipment Model</b>			
<b>Equipment Serial Number</b>			
<b>Date Started</b>		<b>Date Completed</b>	01/29/2009

<b>Work Order</b>	87791 (DWO) NEWPP-Sludge Thickener - THCKSEMI	<b>Scheduled Start Date</b>	02/24/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	S062 NEWPP-Sludge Thickener - THCKSEMI	<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602841 (DWO) TK7101 THICKENER 1 (09THK01)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>		<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	12.10
<b>Date Started</b>	03/27/2009	<b>Date Completed</b>	03/31/2009

**Work Order Comments**

*128330 [03/27/2009 10:53]:*  
completed as instructed

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	S062	NEWPP-PM-Sludge Thickener
<i>121419 [08/26/2008 09:10]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
-CHECK OIL LEVEL IN MAIN GEAR HOUSING					
-REMOVE ANY DEBRIS FROM SURFACE AND WEIR AR					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	S062	BROOKES, ROGER	03/27/2009	BASE	0.5	24.20	12.10
						<b>Subtotal</b>	<b>12.10</b>
						<b>Total</b>	<b>12.10</b>

<b>Work Order</b>	113856 (DWO) NEWPP-SLUDGE THICKNER (QUARTELY) THCKQTRLY	<b>Scheduled Start Date</b>	05/02/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q059 NEWPP-SLUDGE THICKNER (QUARTELY) THCKQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602842 (DWO) TK7102 THICKENER 2 (09THK02)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment Manufacturer</b>		<b>Estimated Hours</b>	0.5
<b>Equipment Model</b>		<b>Estimated Cost</b>	12.10
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	10.01
<b>Date Started</b>	05/19/2009	<b>Date Completed</b>	07/17/2009

**Work Order Comments**

*128330 [07/17/2009 14:14]:*  
Unit operating ok no problems found.

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	0.5	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		BROOKES, ROGER	05/19/2009	BASE	0.5	20.01	10.01
						<b>Subtotal</b>	<b>10.01</b>
						<b>Total</b>	<b>10.01</b>

<b>Work Order</b>	121140 (DWO) NEWPP-Sludge Thickener - THCKSEMI	<b>Scheduled Start Date</b>	08/23/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	S062 NEWPP-Sludge Thickener - THCKSEMI	<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602842 (DWO) TK7102 THICKENER 2 (09THK02)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment Manufacturer</b>		<b>Estimated Hours</b>	1
<b>Equipment Model</b>		<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	20.01
<b>Date Started</b>	10/06/2009	<b>Date Completed</b>	10/07/2009

**Work Order Comments**

*128330 [10/06/2009 12:28]:*  
Unit working ok

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	S062	NEWPP-PM-Sludge Thickener
<i>121419 [08/26/2008 09:10]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
-CHECK OIL LEVEL IN MAIN GEAR HOUSING					
-REMOVE ANY DEBRIS FROM SURFACE AND WEIR AR					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	S062	BROOKES, ROGER	10/06/2009	BASE	1	20.01	20.01
						<b>Subtotal</b>	<b>20.01</b>
						<b>Total</b>	<b>20.01</b>

<b>Work Order</b>	178337 (DWO) NEWPP-SLUDGE THICKNER (QUARTELY) THCKQTRLY	<b>Scheduled Start Date</b>	09/24/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q059 NEWPP-SLUDGE THICKNER (QUARTELY) THCKQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602842 (DWO) TK7102 THICKENER 2 (09THK02)	<b>Estimated Hours</b>	1
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment Manufacturer</b>		<b>Estimated Cost</b>	24.20
<b>Equipment Model</b>		<b>Actual Cost</b>	20.01
<b>Equipment Serial Number</b>			
<b>Date Started</b>	11/13/2009	<b>Date Completed</b>	11/30/2009

**Work Order Comments**

*128330 [11/24/2009 15:30]:*  
Oil level ok

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		BROOKES, ROGER	11/13/2009	BASE	1	20.01	20.01
						<b>Subtotal</b>	<b>20.01</b>
						<b>Total</b>	<b>20.01</b>

<b>Work Order</b>	178355 (DWO) NEWPP-SLUDGE THICKENER (ANNUAL)-THCKANN	<b>Scheduled Start Date</b>	09/24/2009
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	A105 NEWPP-SLUDGE THICKENER (ANNUAL)-THCKANN	<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602842 (DWO) TK7102 THICKENER 2 (09THK02)	<b>Estimated Hours</b>	1
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S	<b>Estimated Cost</b>	25.42
<b>Equipment Manufacturer</b>		<b>Actual Cost</b>	0.00
<b>Equipment Model</b>		<b>Date Completed</b>	08/29/2011
<b>Equipment Serial Number</b>			
<b>Date Started</b>			

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	A105	NEWPP-PM-SLUDGE THICKENER
<p><b>121419 [08/26/2008 09:09]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> <li>-CHECK OIL LEVEL IN MAIN GEAR HOUSING</li> <li>-REMOVE ANY DEBRIS FROM SURFACE AND WEIR AR</li> </ul>					

<b>Work Order</b>	181160 (DWO) NEWPP-Sludge Thickener - THCKSEMI	<b>Scheduled Start Date</b>	02/19/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	S062 NEWPP-Sludge Thickener - THCKSEMI	<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602842 (DWO) TK7102 THICKENER 2 (09THK02)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment Manufacturer</b>		<b>Estimated Hours</b>	1
<b>Equipment Model</b>		<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	20.01
<b>Date Started</b>	02/19/2010	<b>Date Completed</b>	04/05/2010

**Work Order Comments**

**128330 [04/02/2010 14:05]:**

Thickener need to be cleaned out to much sludge

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	S062	NEWPP-PM-Sludge Thickener
<b>121419 [08/26/2008 09:10]:</b>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
-CHECK OIL LEVEL IN MAIN GEAR HOUSING					
-REMOVE ANY DEBRIS FROM SURFACE AND WEIR AR					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	S062	BROOKES, ROGER	02/19/2010	BASE	1	20.01	20.01
						<b>Subtotal</b>	<b>20.01</b>
						<b>Total</b>	<b>20.01</b>

<b>Work Order</b>	225181 (DWO) NEWPP-SLUDGE THICKNER (QUARTELY) THCKQTRLY	<b>Scheduled Start Date</b>	01/04/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q059 NEWPP-SLUDGE THICKNER (QUARTELY) THCKQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	135758 Brooks, Roger	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602842 (DWO) TK7102 THICKENER 2 (09THK02)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>		<b>Estimated Hours</b>	2
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	49.62
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	38.47
<b>Date Started</b>	01/05/2010	<b>Date Completed</b>	01/05/2010

**Work Order Comments**

**133897 [01/19/2010 09:53]:**  
 133897-1.0hrs-1/4/10  
 Complete north inspection-slight seal leak-replace required

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	1		
2	514.5	1	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		KENLEY, ERIC	01/05/2010	N	1	18.46	18.46
					<b>Subtotal</b>		<b>18.46</b>
2		BROOKES, ROGER	01/05/2010	N	1	20.01	20.01
					<b>Subtotal</b>		<b>20.01</b>
					<b>Total</b>		<b>38.47</b>

<b>Work Order</b>	226996 (DWO)	Pump Sludge from South Thickener to North Thickener.	<b>Scheduled Start Date</b>	12/09/2009
<b>Status</b>	Completed		<b>WO Type</b>	CM
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>			<b>Safety</b>	N
<b>Problem Code</b>	MAINT	MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	138190	Younts, Lynn	<b>Assigned To</b>	
<b>Project</b>			<b>Assigned By</b>	096216
<b>Standard WO</b>				
<b>Equipment</b>	602842 (DWO)	TK7102 THICKENER 2 (09THK02)	<b>Estimated Hours</b>	4.5
<b>Location</b>				
<b>Equipment</b>			<b>Estimated Cost</b>	15.65
<b>Manufacturer</b>			<b>Actual Cost</b>	15.65
<b>Equipment Model</b>				
<b>Equipment Serial</b>				
<b>Number</b>				
<b>Date Started</b>	12/09/2009		<b>Date Completed</b>	12/30/2009

**Work Order Comments**

*138190 [12/10/2009 14:51]:*

Joe Williams: 2 Hours N on 12-09-09 and 2 Hours N on 12-10-09. - LDY

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	576.4	4	1		
2	441.2	0.5	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		WILLIAMS, JOSEPH	12/09/2009	BASE	2	0.00	0.00
		WILLIAMS, JOSEPH	12/10/2009	BASE	2	0.00	0.00
					<b>Subtotal</b>		<b>0.00</b>
2		YOUNTS, LYNN	12/28/2009	BASE	0.5	31.30	15.65
							<b>Subtotal</b>
					<b>Total</b>		<b>15.65</b>

<b>Work Order</b>	233195 (DWO)	Monitor Sludge Removal on South Thickener.	<b>Scheduled Start Date</b>	01/25/2010
<b>Status</b>	Completed		<b>WO Type</b>	CM
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>			<b>Safety</b>	N
<b>Problem Code</b>	MAINT	MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	090534	Williams, Joseph O.	<b>Assigned To</b>	090534
<b>Project</b>			<b>Assigned By</b>	096216
<b>Standard WO</b>				
<b>Equipment</b>	602842 (DWO)	TK7102 THICKENER 2 (09THK02)	<b>Estimated Hours</b>	5
<b>Location</b>			<b>Estimated Cost</b>	33.07
<b>Equipment</b>			<b>Actual Cost</b>	66.14
<b>Manufacturer</b>				
<b>Equipment Model</b>				
<b>Equipment Serial</b>				
<b>Number</b>				
<b>Date Started</b>	01/25/2010		<b>Date Completed</b>	02/05/2010

**Work Order Comments**

*128330 [02/03/2010 14:10]:*

Monitored pump and sludge levels in North and South thickeners Monitored Torque on North thickenet checked oil and fuel levels on pump

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	576.4	4	1		
2	803.2	1	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		WILLIAMS, JOSEPH	01/25/2010	BASE	3	0.00	0.00
		WILLIAMS, JOSEPH	01/27/2010	BASE	3	0.00	0.00
		WILLIAMS, JOSEPH	01/28/2010	BASE	3	0.00	0.00
					<b>Subtotal</b>		<b>0.00</b>
2		BESHEARS, GARLAND	01/28/2010	BASE	2	33.07	66.14
							<b>Subtotal</b>
					<b>Total</b>		<b>66.14</b>

<b>Work Order</b>	248298 (DWO) NEWPP-Sludge Thickener - THCKSEMI	<b>Scheduled Start Date</b>	10/05/2010
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	S062 NEWPP-Sludge Thickener - THCKSEMI	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	138730 Stepp, Raymond	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602842 (DWO) TK7102 THICKENER 2 (09THK02)	<b>Estimated Hours</b>	1
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S	<b>Estimated Cost</b>	24.20
<b>Equipment Manufacturer</b>		<b>Actual Cost</b>	0.00
<b>Equipment Model</b>		<b>Date Completed</b>	08/29/2011
<b>Equipment Serial Number</b>			
<b>Date Started</b>			

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	S062	NEWPP-PM-Sludge Thickener
<b>121419 [08/26/2008 09:10]:</b>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
-CHECK OIL LEVEL IN MAIN GEAR HOUSING					
-REMOVE ANY DEBRIS FROM SURFACE AND WEIR AR					

<b>Work Order</b>	250935 (DWO) NEWPP-Sludge Thickeners - THICKWKLY	<b>Scheduled Start Date</b>	04/27/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P2
<b>PM Code</b>	W029 NEWPP-Sludge Thickeners - THICKWKLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	138730 Stepp, Raymond	<b>Assigned To</b>	138190
<b>Project</b>		<b>Assigned By</b>	090534
<b>Standard WO</b>			
<b>Equipment</b>	602842 (DWO) TK7102 THICKENER 2 (09THK02)		
<b>Location</b>	NEWPP (DWO) (DNE) NEWPS		
<b>Equipment</b>		<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	15.65
<b>Date Started</b>	04/28/2010	<b>Date Completed</b>	07/28/2010

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	W029	NEWPP-PM-Sludge Thickeners
<i>121419 [08/26/2008 09:11]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
-CHECK OIL LEVEL IN MAIN GEAR HOUSING					
-REMOVE ANY DEBRIS FROM SURFACE AND WEIR AR					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	W029	YOUNTS, LYNN	04/28/2010	BASE	0.5	31.30	15.65
						<b>Subtotal</b>	<b>15.65</b>
						<b>Total</b>	<b>15.65</b>

<b>Work Order</b>	288224 (DWO)	NEWPP-Sludge Thickeners - THICKWKLY	<b>Scheduled Start Date</b>	08/02/2010
<b>Status</b>	Completed		<b>WO Type</b>	PM
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	
<b>PM Code</b>	W029	NEWPP-Sludge Thickeners - THICKWKLY	<b>Warranty</b>	N
<b>Cost Code</b>			<b>Safety</b>	N
<b>Problem Code</b>			<b>Equip Criticality</b>	
<b>Reported By</b>			<b>Assigned To</b>	
<b>Project</b>			<b>Assigned By</b>	
<b>Standard WO</b>				
<b>Equipment</b>	602842 (DWO)	TK7102 THICKENER 2 (09THK02)	<b>Estimated Hours</b>	1
<b>Location</b>			<b>Estimated Cost</b>	0.00
<b>Equipment</b>			<b>Actual Cost</b>	0.00
<b>Manufacturer</b>				
<b>Equipment Model</b>			<b>Date Completed</b>	06/06/2011
<b>Equipment Serial Number</b>				
<b>Date Started</b>				

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	GCON	1	1	W029	NEWPP-PM-Sludge Thickeners
<p><b>121419 [08/26/2008 09:11]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> <li>-CHECK OIL LEVEL IN MAIN GEAR HOUSING</li> <li>-REMOVE ANY DEBRIS FROM SURFACE AND WEIR AR</li> </ul>					

<b>Work Order</b>	319292 (DWO) MAINTENANCE PROBLEM - south thickner rake was not moving	<b>Scheduled Start Date</b>	11/01/2010
<b>Status</b>	Completed	<b>WO Type</b>	BRKD
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	090534 Williams, Joseph O.	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602842 (DWO) TK7102 THICKENER 2 (09THK02)		
<b>Location</b>	NEWPP (DWO) (DNE) NEWPS		
<b>Equipment</b>		<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	20.01
<b>Date Started</b>	11/01/2010	<b>Date Completed</b>	11/01/2010

**Work Order Comments**

**135758 [11/01/2010 10:35]:**  
 11-01-2010  
 the south thickner rake was not moving, back in service.  
  
 135758 1hr

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		BROOKES, ROGER	11/01/2010	BASE	1	20.01	20.01
						<b>Subtotal</b>	<b>20.01</b>
						<b>Total</b>	<b>20.01</b>

<b>Work Order</b>	320976 (DWO) NEWPP-SLUDGE THICKNER (QUARTELY) THCKQTRLY	<b>Scheduled Start Date</b>	06/20/2011
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q059 NEWPP-SLUDGE THICKNER (QUARTELY) THCKQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602842 (DWO) TK7102 THICKENER 2 (09THK02)	<b>Estimated Hours</b>	2
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S	<b>Estimated Cost</b>	48.40
<b>Equipment Manufacturer</b>		<b>Actual Cost</b>	0.00
<b>Equipment Model</b>		<b>Date Completed</b>	08/29/2011
<b>Equipment Serial Number</b>			
<b>Date Started</b>			

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	2	1	Q059	NEWPP-PM-SLUDGE THICKNER
<b>121419 [08/26/2008 09:10]:</b> - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS) - LOCKOUT/TAGOUT EQUIPMENT - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT- - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION -CHECK OIL LEVEL IN MAIN GEAR HOUSING -REMOVE ANY DEBRIS FROM SURFACE AND WEIR AR					

<b>Work Order</b>	376548 (DWO)	NEWPP-Sludge Thickeners - THICKWKLY	<b>Scheduled Start Date</b>	06/13/2011
<b>Status</b>	Cancelled		<b>WO Type</b>	PM
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	
<b>PM Code</b>	W029	NEWPP-Sludge Thickeners - THICKWKLY	<b>Warranty</b>	N
<b>Cost Code</b>			<b>Safety</b>	N
<b>Problem Code</b>			<b>Equip Criticality</b>	
<b>Reported By</b>			<b>Assigned To</b>	
<b>Project</b>			<b>Assigned By</b>	
<b>Standard WO</b>				
<b>Equipment</b>	602842 (DWO)	TK7102 THICKENER 2 (09THK02)	<b>Estimated Hours</b>	0.25
<b>Location</b>			<b>Estimated Cost</b>	0.00
<b>Equipment</b>			<b>Actual Cost</b>	0.00
<b>Manufacturer</b>				
<b>Equipment Model</b>				
<b>Equipment Serial Number</b>				
<b>Date Started</b>			<b>Date Completed</b>	08/29/2011

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	GCON	0.25	1	W029	NEWPP-PM-Sludge Thickeners
					<i>121419 [08/26/2008 09:11]:</i>
					- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)
					- LOCKOUT/TAGOUT EQUIPMENT
					- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-
					- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION
					-CHECK OIL LEVEL IN MAIN GEAR HOUSING
					-REMOVE ANY DEBRIS FROM SURFACE AND WEIR AR

<b>Work Order</b>	527624 (DWO) NEWPP-Sludge Thickeners - THICKWKLY	<b>Scheduled Start Date</b>	09/05/2011
<b>Status</b>	Work in Progress	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	
<b>PM Code</b>	W029 NEWPP-Sludge Thickeners - THICKWKLY	<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602842 (DWO) TK7102 THICKENER 2 (09THK02)		
<b>Location</b>		<b>Estimated Hours</b>	0.25
<b>Equipment</b>		<b>Estimated Cost</b>	0.00
<b>Manufacturer</b>		<b>Actual Cost</b>	0.00
<b>Equipment Model</b>			
<b>Equipment Serial Number</b>			
<b>Date Started</b>		<b>Date Completed</b>	

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	GCON	0.25	1	W029	NEWPP-PM-Sludge Thickeners
<p><b>121419 [08/26/2008 09:11]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> <li>-CHECK OIL LEVEL IN MAIN GEAR HOUSING</li> <li>-REMOVE ANY DEBRIS FROM SURFACE AND WEIR AR</li> </ul>					

<b>Work Order</b>	87756 (DWO) NEWPP-SLUDGE THICKNER (QUARTELY) THCKQTRLY	<b>Scheduled Start Date</b>	02/01/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q059 NEWPP-SLUDGE THICKNER (QUARTELY) THCKQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602842 (DWO) TK7102 THICKENER 2 (09THK02)	<b>Estimated Hours</b>	
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S	<b>Estimated Cost</b>	0.00
<b>Equipment Manufacturer</b>		<b>Actual Cost</b>	0.00
<b>Equipment Model</b>			
<b>Equipment Serial Number</b>		<b>Date Completed</b>	01/29/2009
<b>Date Started</b>			

<b>Work Order</b>	87792 (DWO) NEWPP-Sludge Thickener - THCKSEMI	<b>Scheduled Start Date</b>	02/24/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	S062 NEWPP-Sludge Thickener - THCKSEMI	<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602842 (DWO) TK7102 THICKENER 2 (09THK02)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment Manufacturer</b>		<b>Estimated Hours</b>	1
<b>Equipment Model</b>		<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	12.10
<b>Date Started</b>	03/27/2009	<b>Date Completed</b>	03/31/2009

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	S062	NEWPP-PM-Sludge Thickener
<i>121419 [08/26/2008 09:10]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
-CHECK OIL LEVEL IN MAIN GEAR HOUSING					
-REMOVE ANY DEBRIS FROM SURFACE AND WEIR AR					

WO Actual Labor Hours							
Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	S062	BROOKES, ROGER	03/27/2009	BASE	0.5	24.20	12.10
						<b>Subtotal</b>	<b>12.10</b>
						<b>Total</b>	<b>12.10</b>

<b>Work Order</b>	113857 (DWO) NEWPP-SLUDGE THICKNER (QUARTELY) THCKQTRLY	<b>Scheduled Start Date</b>	05/02/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q059 NEWPP-SLUDGE THICKNER (QUARTELY) THCKQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602965 (DWO) RST 7103 THICKENER 3 (09THK03)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>		<b>Estimated Hours</b>	0.5
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	12.10
<b>Equipment Serial Number</b>	H400AHTCWDRASSY	<b>Actual Cost</b>	10.01
<b>Date Started</b>	05/19/2009	<b>Date Completed</b>	07/17/2009

**Work Order Comments**

*128330 [07/17/2009 14:11]:*  
Oil level ok no noise or vibration found.

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	0.5	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		BROOKES, ROGER	05/19/2009	BASE	0.5	20.01	10.01
						<b>Subtotal</b>	<b>10.01</b>
						<b>Total</b>	<b>10.01</b>

<b>Work Order</b>	121141 (DWO) NEWPP-Sludge Thickener - THCKSEMI	<b>Scheduled Start Date</b>	08/23/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	S062 NEWPP-Sludge Thickener - THCKSEMI	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602965 (DWO) RST 7103 THICKENER 3 (09THK03)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>		<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	H400AHTCWDRASSY	<b>Actual Cost</b>	20.01
<b>Date Started</b>	10/06/2009	<b>Date Completed</b>	10/07/2009

**Work Order Comments**

*128330 [10/06/2009 12:32]:*  
Unit being checked out by elect, for problem

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	S062	NEWPP-PM-Sludge Thickener
<i>121419 [08/26/2008 09:10]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
-CHECK OIL LEVEL IN MAIN GEAR HOUSING					
-REMOVE ANY DEBRIS FROM SURFACE AND WEIR AR					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	S062	BROOKES, ROGER	10/06/2009	BASE	1	20.01	20.01
						<b>Subtotal</b>	<b>20.01</b>
						<b>Total</b>	<b>20.01</b>

<b>Work Order</b>	178338 (DWO) NEWPP-SLUDGE THICKNER (QUARTELY) THCKQTRLY	<b>Scheduled Start Date</b>	09/24/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q059 NEWPP-SLUDGE THICKNER (QUARTELY) THCKQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602965 (DWO) RST 7103 THICKENER 3 (09THK03)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>		<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	H400AHTCWDRASSY	<b>Actual Cost</b>	20.01
<b>Date Started</b>	11/16/2009	<b>Date Completed</b>	11/30/2009

**Work Order Comments**

128330 [11/24/2009 15:14]:  
Running ok

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		BROOKES, ROGER	11/16/2009	BASE	1	20.01	20.01
						<b>Subtotal</b>	<b>20.01</b>
						<b>Total</b>	<b>20.01</b>

<b>Work Order</b>	178356 (DWO) NEWPP-SLUDGE THICKENER (ANNUAL)-THCKANN	<b>Scheduled Start Date</b>	09/24/2009
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	A105 NEWPP-SLUDGE THICKENER (ANNUAL)-THCKANN	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602965 (DWO) RST 7103 THICKENER 3 (09THK03)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>		<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	25.42
<b>Equipment Serial Number</b>	H400AHTCWDRASSY	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	A105	NEWPP-PM-SLUDGE THICKENER
<i>121419 [08/26/2008 09:09]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
-CHECK OIL LEVEL IN MAIN GEAR HOUSING					
-REMOVE ANY DEBRIS FROM SURFACE AND WEIR AR					

<b>Work Order</b>	181161 (DWO) NEWPP-Sludge Thickener - THCKSEMI	<b>Scheduled Start Date</b>	02/19/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	S062 NEWPP-Sludge Thickener - THCKSEMI	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602965 (DWO) RST 7103 THICKENER 3 (09THK03)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment Manufacturer</b>		<b>Estimated Hours</b>	1
<b>Equipment Model</b>		<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	H400AHTCWDRASSY	<b>Actual Cost</b>	10.01
<b>Date Started</b>	02/19/2010	<b>Date Completed</b>	04/05/2010

**Work Order Comments**

*128330 [04/02/2010 14:10]:*  
still hear slight noise running ok oil level ok

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	S062	NEWPP-PM-Sludge Thickener
<i>121419 [08/26/2008 09:10]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
-CHECK OIL LEVEL IN MAIN GEAR HOUSING					
-REMOVE ANY DEBRIS FROM SURFACE AND WEIR AR					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	S062	BROOKES, ROGER	02/19/2010	BASE	0.5	20.01	10.01
						<b>Subtotal</b>	<b>10.01</b>
						<b>Total</b>	<b>10.01</b>

<b>Work Order</b>	225183 (DWO) NEWPP-SLUDGE THICKNER (QUARTELY) THCKQTRLY	<b>Scheduled Start Date</b>	01/04/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q059 NEWPP-SLUDGE THICKNER (QUARTELY) THCKQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	135758 Brooks, Roger	<b>Assigned To</b>	133897
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602965 (DWO) RST 7103 THICKENER 3 (09THK03)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment Manufacturer</b>		<b>Estimated Hours</b>	1
<b>Equipment Model</b>		<b>Estimated Cost</b>	25.42
<b>Equipment Serial Number</b>	H400AHTCWDRASSY	<b>Actual Cost</b>	25.42
<b>Date Started</b>	01/19/2010	<b>Date Completed</b>	02/03/2010

**Work Order Comments**

*133897 [01/19/2010 10:00]:*  
Complete inspection-OK

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		KENLEY, ERIC	01/19/2010	BASE	1	25.42	25.42
						<b>Subtotal</b>	<b>25.42</b>
						<b>Total</b>	<b>25.42</b>

<b>Work Order</b>	226527 (DWO)	Repair Rotork Actuator on East Thickener.	<b>Scheduled Start Date</b>	12/09/2009
<b>Status</b>	Completed		<b>WO Type</b>	CM
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>	2000040018	DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT	MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	138190	Younts, Lynn	<b>Assigned To</b>	138190
<b>Project</b>			<b>Assigned By</b>	096216
<b>Standard WO</b>				
<b>Equipment</b>	602965 (DWO)	RST 7103 THICKENER 3 (09THK03)		
<b>Location</b>	NEWPP (DWO)	(DNE) NEWPS		
<b>Equipment Manufacturer</b>			<b>Estimated Hours</b>	2
<b>Equipment Model</b>			<b>Estimated Cost</b>	62.60
<b>Equipment Serial Number</b>	H400AHTCWDRASSY		<b>Actual Cost</b>	62.60
<b>Date Started</b>	12/09/2009		<b>Date Completed</b>	12/10/2009

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
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1	441.2	2	1		
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**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		YOUNTS, LYNN	12/09/2009	N	1.5	31.30	46.95
		YOUNTS, LYNN	12/10/2009	N	0.5	31.30	15.65
<b>Subtotal</b>							<b>62.60</b>
<b>Total</b>							<b>62.60</b>

<b>Work Order</b>	234166 (DWO) NEWPP-SLUDGE THICKNER (QUARTELY) THCKQTRLY	<b>Scheduled Start Date</b>	03/04/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q059 NEWPP-SLUDGE THICKNER (QUARTELY) THCKQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	090534 Williams, Joseph O.	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	090534
<b>Standard WO</b>			
<b>Equipment</b>	602965 (DWO) RST 7103 THICKENER 3 (09THK03)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>		<b>Estimated Hours</b>	2
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	48.40
<b>Equipment Serial Number</b>	H400AHTCWDRASSY	<b>Actual Cost</b>	20.01
<b>Date Started</b>	03/09/2010	<b>Date Completed</b>	04/05/2010

**Work Order Comments**

*133897 [03/29/2010 10:49]:*  
Working fine at this time

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	2	1	Q059	NEWPP-PM-SLUDGE THICKNER
<i>121419 [08/26/2008 09:10]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
-CHECK OIL LEVEL IN MAIN GEAR HOUSING					
-REMOVE ANY DEBRIS FROM SURFACE AND WEIR AR					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	Q059	BROOKES, ROGER	03/09/2010	N	1	20.01	20.01
						<b>Subtotal</b>	<b>20.01</b>
						<b>Total</b>	<b>20.01</b>

<b>Work Order</b>	248299 (DWO) NEWPP-Sludge Thickener - THCKSEMI	<b>Scheduled Start Date</b>	10/05/2010
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	S062 NEWPP-Sludge Thickener - THCKSEMI	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	138730 Stepp, Raymond	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602965 (DWO) RST 7103 THICKENER 3 (09THK03)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>		<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	H400AHTCWDRASSY	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	S062	NEWPP-PM-Sludge Thickener
<i>121419 [08/26/2008 09:10]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
-CHECK OIL LEVEL IN MAIN GEAR HOUSING					
-REMOVE ANY DEBRIS FROM SURFACE AND WEIR AR					

<b>Work Order</b>	248475 (DWO) NEWPP-SLUDGE THICKNER (QUARTELY) THCKQTRLY	<b>Scheduled Start Date</b>	07/06/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q059 NEWPP-SLUDGE THICKNER (QUARTELY) THCKQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	138730 Stepp, Raymond	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602965 (DWO) RST 7103 THICKENER 3 (09THK03)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>		<b>Estimated Hours</b>	2
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	48.40
<b>Equipment Serial Number</b>	H400AHTCWDRASSY	<b>Actual Cost</b>	22.72
<b>Date Started</b>	07/06/2010	<b>Date Completed</b>	07/08/2010

**Work Order Comments**

**138730 [07/08/2010 11:07]:**  
 Inspection completed as instructed.  
 Unit is O.K.

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	2	1	Q059	NEWPP-PM-SLUDGE THICKNER
<b>121419 [08/26/2008 09:10]:</b>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
-CHECK OIL LEVEL IN MAIN GEAR HOUSING					
-REMOVE ANY DEBRIS FROM SURFACE AND WEIR AR					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	Q059	TRUJILLO, KEVIN	07/06/2010	BASE	0.5	25.42	12.71
		BROOKES, ROGER	07/06/2010	BASE	0.5	20.01	10.01
						<b>Subtotal</b>	<b>22.72</b>
						<b>Total</b>	<b>22.72</b>

<b>Work Order</b>	250936 (DWO) NEWPP-Sludge Thickeners - THICKWKLY	<b>Scheduled Start Date</b>	04/27/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P2
<b>PM Code</b>	W029 NEWPP-Sludge Thickeners - THICKWKLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	138730 Stepp, Raymond	<b>Assigned To</b>	138190
<b>Project</b>		<b>Assigned By</b>	090534
<b>Standard WO</b>			
<b>Equipment</b>	602965 (DWO) RST 7103 THICKENER 3 (09THK03)		
<b>Location</b>	NEWPP (DWO) (DNE) NEWPS		
<b>Equipment Manufacturer</b>		<b>Estimated Hours</b>	1
<b>Equipment Model</b>		<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	H400AHTCWDRASSY	<b>Actual Cost</b>	15.65
<b>Date Started</b>	04/28/2010	<b>Date Completed</b>	07/28/2010

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	W029	NEWPP-PM-Sludge Thickeners
<i>121419 [08/26/2008 09:11]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
-CHECK OIL LEVEL IN MAIN GEAR HOUSING					
-REMOVE ANY DEBRIS FROM SURFACE AND WEIR AR					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	W029	YOUNTS, LYNN	04/28/2010	BASE	0.5	31.30	15.65
						<b>Subtotal</b>	<b>15.65</b>
						<b>Total</b>	<b>15.65</b>

<b>Work Order</b>	277494 (DWO)	Replace chain on drive sprockets	<b>Scheduled Start Date</b>	07/06/2010
<b>Status</b>	Completed		<b>WO Type</b>	CM
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>	2000040018	DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT	MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330	Beshears, Garland W	<b>Assigned To</b>	133895
<b>Project</b>			<b>Assigned By</b>	096216
<b>Standard WO</b>				
<b>Equipment</b>	602965 (DWO)	RST 7103 THICKENER 3 (09THK03)		
<b>Location</b>	NEWPP (DWO)	(DNE) NEWPS		
<b>Equipment Manufacturer</b>			<b>Estimated Hours</b>	3
<b>Equipment Model</b>			<b>Estimated Cost</b>	82.69
<b>Equipment Serial Number</b>	H400AHTCWDRASSY		<b>Actual Cost</b>	165.58
<b>Date Started</b>	07/07/2010		<b>Date Completed</b>	07/07/2010

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	1		
2	514.5	1	1		
3	803.2	1	1		

WO Actual Labor Hours							
Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		TRUJILLO, KEVIN	07/07/2010	BASE	1	25.42	25.42
					<b>Subtotal</b>		<b>25.42</b>
2		BROOKES, ROGER	07/07/2010	BASE	1	20.01	20.01
					<b>Subtotal</b>		<b>20.01</b>
3		BESHEARS, GARLAND	07/07/2010	BASE	1	33.07	33.07
					<b>Subtotal</b>		<b>33.07</b>
					<b>Total</b>		<b>78.50</b>

<b>Work Order</b>	280271 (DWO) NEWPP-SLUDGE THICKNER (QUARTELY) THCKQTRLY	<b>Scheduled Start Date</b>	10/03/2010
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q059 NEWPP-SLUDGE THICKNER (QUARTELY) THCKQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	138730 Stepp, Raymond	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602965 (DWO) RST 7103 THICKENER 3 (09THK03)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>		<b>Estimated Hours</b>	2
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	48.40
<b>Equipment Serial Number</b>	H400AHTCWDRASSY	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	2	1	Q059	NEWPP-PM-SLUDGE THICKNER
<i>121419 [08/26/2008 09:10]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
-CHECK OIL LEVEL IN MAIN GEAR HOUSING					
-REMOVE ANY DEBRIS FROM SURFACE AND WEIR AR					

<b>Work Order</b>	283886 (DWO) [ME] Tear Down, Inspect and Repair Final Drive Assembly on East Thickener.		<b>Scheduled Start Date</b>	02/21/2011
<b>Status</b>	Ready for Closure		<b>WO Type</b>	CT
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>	2000040018	DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT	MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330	Beshears, Garland W	<b>Assigned To</b>	128330
<b>Project</b>			<b>Assigned By</b>	090534
<b>Standard WO</b>				
<b>Equipment</b>	602965 (DWO)	RST 7103 THICKENER 3 (09THK03)		
<b>Location</b>	NEWPP (DWO)	(DNE) NEWPS		
<b>Equipment Manufacturer</b>			<b>Estimated Hours</b>	171
<b>Equipment Model</b>			<b>Estimated Cost</b>	101.68
<b>Equipment Serial Number</b>	H400AHTCWDRASSY		<b>Actual Cost</b>	26,660.00
<b>Date Started</b>	02/21/2011		<b>Date Completed</b>	06/08/2011

**MEC Equipment Detail**

<b>Equipment</b>	602965 (DWO)	RST 7103 THICKENER 3 (09THK03)
<b>Location</b>		
<b>Equipment Manufacturer</b>		
<b>Equipment Model</b>		
<b>Equipment Serial Number</b>	H400AHTCWDRASSY	

**Work Order Comments**

*131159 [06/30/2011 13:14]:*

- Replace chain on drive sprockets
- Relocate Air Compressor at East Thickner
- Relocate 6" Trash Pump at East Thickner

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	4	1		
2	576.4	7	1		
3	GCON	160	1		

**WO Actual Labor Hours**

Activity	Task	Equipment	Employee	Start Time	Type	Hours	Rate	Line Total
2		602965	WILLIAMS, JOSEPH	02/21/2011	N	0	0.00	0.00
		602965	WILLIAMS, JOSEPH	02/21/2011	BASE	0	0.00	0.00
		602965	WILLIAMS, JOSEPH	02/21/2011	BASE	7	0.00	0.00
		602965	WILLIAMS, JOSEPH	02/21/2011	N	0	0.00	0.00
		602965	WILLIAMS, JOSEPH	02/21/2011	N	0	0.00	0.00

<b>Work Order</b>	283886 (DWO) [ME] Tear Down, Inspect and Repair Final Drive Assembly on East Thickener.	<b>Scheduled Start Date</b>	02/21/2011
<b>Status</b>	Ready for Closure	<b>WO Type</b>	CT

					<b>Subtotal</b>		<b>0.00</b>
3	602965	General Contractor	02/21/2011	BASE	0	0.00	0.00
	602965	Hired Labor for Thickner Repair Services	01/14/2011	O	0	24,000.00	0.00
					<b>Subtotal</b>		<b>24,000.00</b>
					<b>Total</b>		<b>0.00</b>

WO Actual Labor Hours								
Activity	Task	Equipment	Employee	Start Time	Type	Hours	Rate	Line Total
2		602965	WILLIAMS, JOSEPH	02/21/2011	BASE	-7	0.00	0.00
		602965	WILLIAMS, JOSEPH	02/21/2011	N	-7	0.00	0.00
		602965	WILLIAMS, JOSEPH	02/21/2011	N	7	0.00	0.00
		602965	WILLIAMS, JOSEPH	02/21/2011	N	7	0.00	0.00
						<b>Subtotal</b>		<b>0.00</b>
3		602965	General Contractor	02/21/2011	BASE	160	0.00	0.00
		602965	Hired Labor for Thickner Repair Services	01/14/2011	O	1	24,000.00	24,000.00
						<b>Subtotal</b>		<b>24,000.00</b>
						<b>Total</b>		<b>24,000.00</b>

<b>Work Order</b>	286183 (DWO)	Relocate Air Compressor at East Thickener.	<b>Scheduled Start Date</b>	07/22/2010
<b>Status</b>	Completed		<b>WO Type</b>	CM
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P2
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>	2000040018	DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT	MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330	Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>			<b>Assigned By</b>	096216
<b>Standard WO</b>				
<b>Equipment</b>	602965 (DWO)	RST 7103 THICKENER 3 (09THK03)		
<b>Location</b>	NEWPP (DWO)	(DNE) NEWPS		
<b>Equipment Manufacturer</b>			<b>Estimated Hours</b>	9
<b>Equipment Model</b>			<b>Estimated Cost</b>	147.61
<b>Equipment Serial Number</b>	H400AHTCWDRASSY		<b>Actual Cost</b>	172.30
<b>Date Started</b>	07/22/2010		<b>Date Completed</b>	08/05/2010

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	2	1		
2	803.2	3	1		
3	576.4	4	1		

WO Actual Labor Hours							
Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		BROOKES, ROGER	07/22/2010	BASE	2	20.01	40.02
					<b>Subtotal</b>		<b>40.02</b>
2		BESHEARS, GARLAND	08/05/2010	BASE	4	33.07	132.28
					<b>Subtotal</b>		<b>132.28</b>
3		WILLIAMS, JOSEPH	08/05/2010	BASE	4	0.00	0.00
					<b>Subtotal</b>		<b>0.00</b>
					<b>Total</b>		<b>172.30</b>

<b>Work Order</b>	286184 (DWO)	Relocate 6" Trash Pump at East Thickener.	<b>Scheduled Start Date</b>	07/22/2010
<b>Status</b>	Completed		<b>WO Type</b>	CM
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P2
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>	2000040018	DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT	MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330	Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>			<b>Assigned By</b>	096216
<b>Standard WO</b>				
<b>Equipment</b>	602965 (DWO)	RST 7103 THICKENER 3 (09THK03)		
<b>Location</b>	NEWPP (DWO)	(DNE) NEWPS		
<b>Equipment Manufacturer</b>			<b>Estimated Hours</b>	2
<b>Equipment Model</b>			<b>Estimated Cost</b>	48.40
<b>Equipment Serial Number</b>	H400AHTCWDRASSY		<b>Actual Cost</b>	40.02
<b>Date Started</b>	07/22/2010		<b>Date Completed</b>	07/22/2010

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description

1	514.5	2	1		
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**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		BROOKES, ROGER	07/22/2010	BASE	2	20.01	40.02
						<b>Subtotal</b>	<b>40.02</b>
						<b>Total</b>	<b>40.02</b>

<b>Work Order</b>	288234 (DWO) NEWPP-Sludge Thickeners - THICKWKLY	<b>Scheduled Start Date</b>	08/02/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	
<b>PM Code</b>	W029 NEWPP-Sludge Thickeners - THICKWKLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602965 (DWO) RST 7103 THICKENER 3 (09THK03)		
<b>Location</b>			
<b>Equipment</b>		<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	0.00
<b>Equipment Serial Number</b>	H400AHTCWDRASSY	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	06/06/2011

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	GCON	1	1	W029	NEWPP-PM-Sludge Thickeners
<i>121419 [08/26/2008 09:11]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
-CHECK OIL LEVEL IN MAIN GEAR HOUSING					
-REMOVE ANY DEBRIS FROM SURFACE AND WEIR AR					

<b>Work Order</b>	309180 (DWO)	Remove & repair the H-40A-HT gear drive	<b>Scheduled Start Date</b>	10/07/2010
<b>Status</b>	Completed		<b>WO Type</b>	BRKD
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>	2000040018	DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT	MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	138730	Stepp, Raymond	<b>Assigned To</b>	128330
<b>Project</b>			<b>Assigned By</b>	090534
<b>Standard WO</b>				
<b>Equipment</b>	602965 (DWO)	RST 7103 THICKENER 3 (09THK03)		
<b>Location</b>	NEWPP (DWO)	(DNE) NEWPS		
<b>Equipment Manufacturer</b>			<b>Estimated Hours</b>	90
<b>Equipment Model</b>			<b>Estimated Cost</b>	1,405.50
<b>Equipment Serial Number</b>	H400AHTCWDRASSY		<b>Actual Cost</b>	28,872.60
<b>Date Started</b>	10/20/2010		<b>Date Completed</b>	06/07/2011

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
2	576.4	12	1		
4	523.2	12	1		
5	528.2	12	1		
6	803.2	6	1		
7	576.4	24	1		
8	514.5	24	1		

WO Actual Labor Hours								
Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total	
2		WILLIAMS, JOSEPH	10/20/2010	BASE	4	0.00	0.00	
		WILLIAMS, JOSEPH	10/28/2010	BASE	2	0.00	0.00	
		WILLIAMS, JOSEPH	02/07/2011	BASE	-4	0.00	0.00	
		WILLIAMS, JOSEPH	02/07/2011	BASE	4	0.00	0.00	
		WILLIAMS, JOSEPH	02/08/2011	BASE	4	0.00	0.00	
		WILLIAMS, JOSEPH	02/10/2011	BASE	4	0.00	0.00	
		Mat Rental 3days to remove gear - Quality Mats		12/30/2010	O	1	1,160.00	1,160.00
		Remove/Repair/Re-install Gear- EI2		02/21/2011	O	1	24,000.00	24,000.00
						<b>Subtotal</b>	<b>25,160.00</b>	
4		HUTCHINS, WESLEY	02/16/2011	BASE	2	26.77	53.54	
		HUTCHINS, WESLEY	02/17/2011	BASE	6	26.77	160.62	
		HUTCHINS, WESLEY	02/18/2011	BASE	2	26.77	53.54	

Work Order	309180 (DWO)	Remove & repair the H-40A-HT gear drive	Scheduled Start Date	10/07/2010		
Status	Completed		WO Type	BRKD		
4	HUTCHINS, WESLEY	02/21/2011	BASE	2	26.77	53.54
					<b>Subtotal</b>	<b>321.24</b>
5	TRUJILLO, KEVIN	02/16/2011	BASE	2	25.42	50.84
	TRUJILLO, KEVIN	02/17/2011	BASE	6	25.42	152.52
	TRUJILLO, KEVIN	02/18/2011	BASE	2	25.42	50.84
	TRUJILLO, KEVIN	02/21/2011	BASE	2	25.42	50.84
					<b>Subtotal</b>	<b>305.04</b>
6	BESHEARS, GARLAND	02/08/2011	BASE	2	33.07	66.14
					<b>Subtotal</b>	<b>66.14</b>
7	WILLIAMS, JOSEPH	02/21/2011	BASE	2	0.00	0.00
					<b>Subtotal</b>	<b>0.00</b>
8	BROOKES, ROGER	10/20/2010	BASE	4	20.01	80.04
	BROOKES, ROGER	10/21/2010	BASE	2	20.01	40.02
	BROOKES, ROGER	02/16/2011	BASE	2	20.01	40.02
	BROOKES, ROGER	02/17/2011	BASE	6	20.01	120.06
	BROOKES, ROGER	02/18/2011	BASE	2	20.01	40.02
	BROOKES, ROGER	02/21/2011	BASE	2	20.01	40.02
					<b>Subtotal</b>	<b>360.18</b>
					<b>Total</b>	<b>26,212.60</b>

<b>Work Order</b>	376549 (DWO) NEWPP-Sludge Thickeners - THICKWKLY	<b>Scheduled Start Date</b>	06/13/2011
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	
<b>PM Code</b>	W029 NEWPP-Sludge Thickeners - THICKWKLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602965 (DWO) RST 7103 THICKENER 3 (09THK03)		
<b>Location</b>			
<b>Equipment</b>		<b>Estimated Hours</b>	0.25
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	0.00
<b>Equipment Serial Number</b>	H400AHTCWDRASSY	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	GCON	0.25	1	W029	NEWPP-PM-Sludge Thickeners
<i>121419 [08/26/2008 09:11]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
-CHECK OIL LEVEL IN MAIN GEAR HOUSING					
-REMOVE ANY DEBRIS FROM SURFACE AND WEIR AR					

<b>Work Order</b>	527625 (DWO) NEWPP-Sludge Thickeners - THICKWKLY	<b>Scheduled Start Date</b>	09/05/2011
<b>Status</b>	Work in Progress	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	
<b>PM Code</b>	W029 NEWPP-Sludge Thickeners - THICKWKLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602965 (DWO) RST 7103 THICKENER 3 (09THK03)		
<b>Location</b>			
<b>Equipment</b>		<b>Estimated Hours</b>	0.25
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	0.00
<b>Equipment Serial Number</b>	H400AHTCWDRASSY	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	GCON	0.25	1	W029	NEWPP-PM-Sludge Thickeners
<i>121419 [08/26/2008 09:11]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
-CHECK OIL LEVEL IN MAIN GEAR HOUSING					
-REMOVE ANY DEBRIS FROM SURFACE AND WEIR AR					

<b>Work Order</b>	87757 (DWO) NEWPP-SLUDGE THICKNER (QUARTELY) THCKQTRLY	<b>Scheduled Start Date</b>	02/01/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q059 NEWPP-SLUDGE THICKNER (QUARTELY) THCKQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602965 (DWO) RST 7103 THICKENER 3 (09THK03)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>		<b>Estimated Hours</b>	
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	0.00
<b>Equipment Serial Number</b>	H400AHTCWDRASSY	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	01/29/2009

<b>Work Order</b>	87793 (DWO) NEWPP-Sludge Thickener - THCKSEMI	<b>Scheduled Start Date</b>	02/24/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	S062 NEWPP-Sludge Thickener - THCKSEMI	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality Assigned To</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned By</b>	
<b>Project</b>			
<b>Standard WO</b>			
<b>Equipment</b>	602965 (DWO) RST 7103 THICKENER 3 (09THK03)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>		<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	H400AHTCWDRASSY	<b>Actual Cost</b>	12.10
<b>Date Started</b>	03/27/2009	<b>Date Completed</b>	03/31/2009

**Work Order Comments**

128330 [03/27/2009 11:25]:  
completed as instructed

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	S062	NEWPP-PM-Sludge Thickener
<i>121419 [08/26/2008 09:10]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
-CHECK OIL LEVEL IN MAIN GEAR HOUSING					
-REMOVE ANY DEBRIS FROM SURFACE AND WEIR AR					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	S062	BROOKES, ROGER	03/27/2009	BASE	0.5	24.20	12.10
						<b>Subtotal</b>	<b>12.10</b>
						<b>Total</b>	<b>12.10</b>

<b>Work Order</b>	123509 (DWO)	Thickener Polymer pump unable to pump polymer	<b>Scheduled Start Date</b>	04/19/2009
<b>Status</b>	Completed		<b>WO Type</b>	BRKD
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>			<b>Safety</b>	N
<b>Problem Code</b>	MAINT	MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	131465	Odonnell, Christopher M	<b>Assigned To</b>	133895
<b>Project</b>			<b>Assigned By</b>	096216
<b>Standard WO</b>				
<b>Equipment</b>	603153 (DWO)	PFS7130 THICKENER POLYMER BLENDING UNIT (09ME04)		
<b>Location</b>	SLDGE PROC (DWO)	(DNE) SLUDGE PROCESSING		
<b>Equipment</b>	M998		<b>Estimated Hours</b>	3
<b>Manufacturer</b>			<b>Estimated Cost</b>	76.26
<b>Equipment Model</b>	L4S-1200-4.5D-199-3		<b>Actual Cost</b>	152.52
<b>Equipment Serial Number</b>	6185			
<b>Date Started</b>	04/20/2009		<b>Date Completed</b>	06/22/2009

**Work Order Comments**

**131465 [04/19/2009 13:16]:**

Need larger pump to pump polymer out of bucket due to pump constantly getting plugged up on the intake suction line.

**128330 [06/19/2009 09:55]:**

Cleaned out line put back into service

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	3	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		TRUJILLO, KEVIN	04/20/2009	BASE	3	25.42	76.26
		KENLEY, ERIC	04/20/2009	BASE	3	25.42	76.26
						<b>Subtotal</b>	<b>152.52</b>
						<b>Total</b>	<b>152.52</b>

<b>Work Order</b>	244991 (DWO) repair poly blend unit to thickner/replace motor for booster pump	<b>Scheduled Start Date</b>	03/17/2010
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	ELECT ELECTRICAL PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	133895
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	603153 (DWO) PFS7130 THICKENER POLYMER BLENDING UNIT (09ME04)		
<b>Location</b>			
<b>Equipment</b>	M998	<b>Estimated Hours</b>	33
<b>Manufacturer</b>			
<b>Equipment Model</b>	L4S-1200-4.5D-199-3	<b>Estimated Cost</b>	809.05
<b>Equipment Serial Number</b>	6185	<b>Actual Cost</b>	1,184.75
<b>Date Started</b>	03/17/2010	<b>Date Completed</b>	05/05/2010

**Work Order Comments**

**133895 [04/02/2010 08:24]:**

3-17-2010  
 repair to poly blend unit at belt press and also replace motor for booster pump  
 133895 - 4hrs  
 135758 - 4hrs  
 102898- 2hrs  
 3-18-2010  
 133895 - 3hrs  
 135758 - 3hrs  
 102898 - 2hrs  
 133895 - 2hrs  
 3-19-2010  
 133895 - 4hrs  
 135758 - 4hrs  
 102898 - 4hrs  
 4-30-10  
 133895-3hrs  
 135758-3hrs  
 4-31-10  
 133895 2.5  
 135758 2.5  
 need new gasket gave Garland material request on 4-01-10  
 4-

**128330 [04/23/2010 10:49]:**

Unit had freeze damage new gaskets would not help. Unit was replaced with one from chem bld that was not in service on 3/31/10

**128330 [04/23/2010 10:50]:**

Elect motor was purchased by Merell

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	14	1		

<b>Work Order</b>	244991 (DWO)	repair poly blend unit to thicken/replace motor for	<b>Scheduled Start Date</b>	03/17/2010
<b>Status</b>	Completed	booster pump	<b>WO Type</b>	CM

2	514.6	11	1
3	523.2	5	1
4	803.2	3	1

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		TRUJILLO, KEVIN	03/17/2010	BASE	4	25.42	101.68
		TRUJILLO, KEVIN	03/18/2010	BASE	5	25.42	127.10
		TRUJILLO, KEVIN	03/19/2010	BASE	4	25.42	101.68
		TRUJILLO, KEVIN	03/30/2010	BASE	3	25.42	76.26
		TRUJILLO, KEVIN	03/31/2010	BASE	2.5	25.42	63.55
						<b>Subtotal</b>	<b>470.27</b>
2		TRUJILLO, KEVIN	03/19/2010	BASE	4	25.42	101.68
		KENLEY, ERIC	03/30/2010	BASE	3	25.42	76.26
		BROOKES, ROGER	03/17/2010	BASE	4	20.01	80.04
		BROOKES, ROGER	03/18/2010	BASE	3	20.01	60.03
		BROOKES, ROGER	03/31/2010	BASE	2.5	20.01	50.03
						<b>Subtotal</b>	<b>368.04</b>
3		HUTCHINS, WESLEY	03/17/2010	BASE	2	26.77	53.54
		HUTCHINS, WESLEY	03/18/2010	BASE	2	26.77	53.54
		HUTCHINS, WESLEY	03/19/2010	BASE	4	26.77	107.08
						<b>Subtotal</b>	<b>214.16</b>
4		BESHEARS, GARLAND	03/29/2010	BASE	4	33.07	132.28
						<b>Subtotal</b>	<b>132.28</b>
						<b>Total</b>	<b>1,184.75</b>

<b>Work Order</b>	272773 (DWO)	Repair polymer leak on unit	<b>Scheduled Start Date</b>	06/17/2010
<b>Status</b>	Completed		<b>WO Type</b>	CM
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>	2000040018	DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT	MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330	Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>			<b>Assigned By</b>	096216
<b>Standard WO</b>				
<b>Equipment</b>	603153 (DWO)	PFS7130 THICKENER POLYMER BLENDING UNIT (09ME04)		
<b>Location</b>	NEWPP (DWO)	(DNE) NEWPS		
<b>Equipment</b>	M998		<b>Estimated Hours</b>	1
<b>Manufacturer</b>			<b>Estimated Cost</b>	24.20
<b>Equipment Model</b>	L4S-1200-4.5D-I99-3		<b>Actual Cost</b>	20.01
<b>Equipment Serial Number</b>	6185			
<b>Date Started</b>	06/17/2010		<b>Date Completed</b>	07/28/2010

**Work Order Comments**

**135758 [06/22/2010 13:41]:**

Per Garland and Joe, i proceed to fixed polymer behind belt press#3. Got their the polymer pump was running, so i talk to Ancon about turning the pump off, so i could repair leak, they said that ok.

So i repaired the leak and put it back in service.

6-17-2010 - 135758- 1hr.

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		BROOKES, ROGER	06/17/2010	BASE	1	20.01	20.01
						<b>Subtotal</b>	<b>20.01</b>
						<b>Total</b>	<b>20.01</b>

<b>Work Order</b>	111459 (DWO) Make repairs on unit and put in ser,	<b>Scheduled Start Date</b>	12/29/2008
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	603104 (DWO) PFS7141 POLYMER BLENDING UNIT 2 (09ME206)		
<b>Location</b>	SLDGE PROC (DWO) (DNE) SLUDGE PROCESSING		
<b>Equipment</b>	M998	<b>Estimated Hours</b>	15
<b>Manufacturer</b>			
<b>Equipment Model</b>	L4S-1200-4.5D-199-3	<b>Estimated Cost</b>	407.02
<b>Equipment Serial Number</b>	6182	<b>Actual Cost</b>	827.36
<b>Date Started</b>	12/30/2008	<b>Date Completed</b>	01/09/2009

**Work Order Comments**

**128330 [01/02/2009 08:52]:**

Cleaned pump and lines out put back into service

**128330 [01/07/2009 11:13]:**

One hp motor needed to be replaced on water booster pump.

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	7	1		
2	803.2	4	1		
3	514.5	4	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		TRUJILLO, KEVIN	12/30/2008	N	3	18.46	55.38
		TRUJILLO, KEVIN	12/31/2008	N	7	18.46	129.22
		KENLEY, ERIC	12/30/2008	N	3	18.46	55.38
		KENLEY, ERIC	12/31/2008	N	7	18.46	129.22
					<b>Subtotal</b>		<b>369.20</b>
2		BESHEARS, GARLAND	12/30/2008	N	4	33.07	132.28
		BESHEARS, GARLAND	12/31/2008	N	4	33.07	132.28
					<b>Subtotal</b>		<b>264.56</b>
3		BROOKES, ROGER	12/30/2008	N	4	24.20	96.80
		BROOKES, ROGER	12/31/2008	N	4	24.20	96.80
					<b>Subtotal</b>		<b>193.60</b>
					<b>Total</b>		<b>827.36</b>

<b>Work Order</b>	111768 (DWO)	Check polymer pump not pumping, check wiring on motor	<b>Scheduled Start Date</b>	01/07/2009
<b>Status</b>	Completed		<b>WO Type</b>	NP
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>			<b>Safety</b>	N
<b>Problem Code</b>	MAINT	MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330	Beshears, Garland W	<b>Assigned To</b>	133895
<b>Project</b>			<b>Assigned By</b>	086056
<b>Standard WO</b>				
<b>Equipment</b>	603104 (DWO)	PFS7141 POLYMER BLENDING UNIT 2 (09ME206)		
<b>Location</b>	SLDGE PROC (DWO)	(DNE) SLUDGE PROCESSING		
<b>Equipment</b>	M998		<b>Estimated Hours</b>	6
<b>Manufacturer</b>				
<b>Equipment Model</b>	L4S-1200-4.5D-199-3		<b>Estimated Cost</b>	151.43
<b>Equipment Serial Number</b>	6182		<b>Actual Cost</b>	212.70
<b>Date Started</b>	01/07/2009		<b>Date Completed</b>	01/13/2009

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	523.2	1	1		
2	528.2	3	1		
3	514.5	2	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		HUTCHINS, WESLEY	01/08/2009	N	2	26.77	53.54
					<b>Subtotal</b>		<b>53.54</b>
2		TRUJILLO, KEVIN	01/07/2009	N	1	18.46	18.46
		TRUJILLO, KEVIN	01/08/2009	N	2	18.46	36.92
		KENLEY, ERIC	01/07/2009	N	1	18.46	18.46
		KENLEY, ERIC	01/08/2009	N	2	18.46	36.92
					<b>Subtotal</b>		<b>110.76</b>
3		BROOKES, ROGER	01/08/2009	N	2	24.20	48.40
					<b>Subtotal</b>		<b>48.40</b>
					<b>Total</b>		<b>212.70</b>

<b>Work Order</b>	228719 (DWO)	Repair Polymer Mixing Pump 3 at Belt Press.	<b>Scheduled Start Date</b>	12/31/2009
<b>Status</b>	Completed		<b>WO Type</b>	CM
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>			<b>Safety</b>	N
<b>Problem Code</b>	MAINT	MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	138190	Younts, Lynn	<b>Assigned To</b>	
<b>Project</b>			<b>Assigned By</b>	096216
<b>Standard WO</b>				
<b>Equipment</b>	603103 (DWO)	PFS7142 POLYMER BLENDING UNIT 3 (09ME207)		
<b>Location</b>				
<b>Equipment</b>	M998		<b>Estimated Hours</b>	6
<b>Manufacturer</b>				
<b>Equipment Model</b>	L4S-120-0.6D-199-3		<b>Estimated Cost</b>	153.46
<b>Equipment Serial Number</b>	6181		<b>Actual Cost</b>	90.86
<b>Date Started</b>	12/31/2009		<b>Date Completed</b>	01/13/2010

**Work Order Comments**

*128330 [12/31/2009 09:58]:*

Dec 30: Kevin and Roger worked 2 hours each. - LDY

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	441.2	2	1		
2	514.6	2	1		
3	528.2	2	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
2		BROOKES, ROGER	12/31/2009	BASE	2	20.01	40.02
					<b>Subtotal</b>		<b>40.02</b>
3		TRUJILLO, KEVIN	12/31/2009	BASE	2	25.42	50.84
					<b>Subtotal</b>		<b>50.84</b>
					<b>Total</b>		<b>90.86</b>

<b>Work Order</b>	41762 (DWO)	Needs attention so space can be created	<b>Scheduled Start Date</b>	06/19/2008
<b>Status</b>	Completed		<b>WO Type</b>	CM
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>			<b>Safety</b>	N
<b>Problem Code</b>	MAINT	MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	134481	Quansah, Bridgette B	<b>Assigned To</b>	
<b>Project</b>			<b>Assigned By</b>	096216
<b>Standard WO</b>				
<b>Equipment</b>	603103 (DWO)	PFS7142 POLYMER BLENDING UNIT 3 (09ME207)		
<b>Location</b>			<b>Estimated Hours</b>	4
<b>Equipment</b>	M998		<b>Estimated Cost</b>	0.00
<b>Manufacturer</b>			<b>Actual Cost</b>	31.80
<b>Equipment Model</b>	L4S-120-0.6D-199-3			
<b>Equipment Serial Number</b>	6181			
<b>Date Started</b>	06/19/2008		<b>Date Completed</b>	08/06/2008

**Work Order Comments**

*074385 [06/26/2008 09:17]:*

Can you be more specific? What do you mean it needs attention?

*074385 [07/01/2008 13:33]:*

Need answer to first question, and are you sure of the priority?

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.0	2	1		
2	528.2	2	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		MITCHELL, JOSEPH	06/19/2008	N	2	15.90	31.80
						<b>Subtotal</b>	<b>31.80</b>
						<b>Total</b>	<b>31.80</b>

<b>Work Order</b>	108465 (DWO) MAINTENANCE PROBLEM Pump is not pumping correct amount of sludge	<b>Scheduled Start Date</b>	12/05/2008
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R1O Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	133897
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602827 (DWO) SLUDGE TRANSFER PUMP (09P01)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M639	<b>Estimated Hours</b>	4
<b>Manufacturer</b>			
<b>Equipment Model</b>	4NNTL-VM	<b>Estimated Cost</b>	104.38
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	127.38
<b>Date Started</b>	12/05/2008	<b>Date Completed</b>	12/08/2008

**Work Order Comments**

*128330 [12/08/2008 08:29]:*  
closed re circulation valve pump started working correctly.

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	2	1		
2	523.2	2	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		TRUJILLO, KEVIN	12/05/2008	N	2	18.46	36.92
		KENLEY, ERIC	12/05/2008	N	2	18.46	36.92
					<b>Subtotal</b>		<b>73.84</b>
2		HUTCHINS, WESLEY	12/05/2008	N	2	26.77	53.54
							<b>Subtotal</b>
					<b>Total</b>		<b>127.38</b>

<b>Work Order</b>	250700 (DWO) NEWPP-Thickened Sludge Transfer Pumps - BPTRANS/PQTRLY	<b>Scheduled Start Date</b>	07/01/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q046 NEWPP-Thickened Sludge Transfer Pumps - BPTRANS/PQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	090534
<b>Standard WO</b>			
<b>Equipment</b>	602827 (DWO) SLUDGE TRANSFER PUMP (09P01)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M639	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	4NNTL-VM	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	20.01
<b>Date Started</b>	07/01/2010	<b>Date Completed</b>	07/07/2010

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q046	NEWPP-PM-Thickened Sludge Transfer Pumps
					<i>121419 [08/26/2008 08:39]:</i>
					- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)
					- LOCKOUT/TAGOUT EQUIPMENT
					- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-
					- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION
					ALTERNATE AND RUN EACH PUMP FOR 10 - 15 MINUTES
					- CHECK PUMPS FOR ANY SIGN OF LEA

WO Actual Labor Hours							
Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	Q046	BROOKES, ROGER	07/07/2010	BASE	1	20.01	20.01
					<b>Subtotal</b>		<b>20.01</b>
					<b>Total</b>		<b>20.01</b>

<b>Work Order</b>	288935 (DWO) NEWPP-Thickened Sludge Transfer Pumps - BPTRANS/PQTRLY	<b>Scheduled Start Date</b>	09/29/2010
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q046 NEWPP-Thickened Sludge Transfer Pumps - BPTRANS/PQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	138730 Stepp, Raymond	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602827 (DWO) SLUDGE TRANSFER PUMP (09P01)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M639	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	4NNTL-VM	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q046	NEWPP-PM-Thickened Sludge Transfer Pumps
	<b>121419 [08/26/2008 08:39]:</b>				
	- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)				
	- LOCKOUT/TAGOUT EQUIPMENT				
	- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-				
	- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION				
	ALTERNATE AND RUN EACH PUMP FOR 10 - 15 MINUTES				
	- CHECK PUMPS FOR ANY SIGN OF LEA				

<b>Work Order</b>	87708 (DWO) NEWPP-Thickened Sludge Transfer Pumps - BPTRANS/PQTRLY	<b>Scheduled Start Date</b>	03/01/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q046 NEWPP-Thickened Sludge Transfer Pumps - BPTRANS/PQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602827 (DWO) SLUDGE TRANSFER PUMP (09P01)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M639	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	4NNTL-VM	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	6.05
<b>Date Started</b>	03/19/2009	<b>Date Completed</b>	03/31/2009

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q046	NEWPP-PM-Thickened Sludge Transfer Pumps
					<b>121419 [08/26/2008 08:39]:</b>
					- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)
					- LOCKOUT/TAGOUT EQUIPMENT
					- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-
					- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION
					ALTERNATE AND RUN EACH PUMP FOR 10 - 15 MINUTES
					- CHECK PUMPS FOR ANY SIGN OF LEA

WO Actual Labor Hours							
Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	Q046	BROOKES, ROGER	03/19/2009	BASE	0.25	24.20	6.05
					<b>Subtotal</b>		<b>6.05</b>
					<b>Total</b>		<b>6.05</b>

<b>Work Order</b>	97451 (DWO) Sludge Pump not pumping from North Thickner	<b>Scheduled Start Date</b>	10/15/2008
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R1O Northeast Water Purification Plant Maint	<b>Priority</b>	P2
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	134481 Quansah, Bridgette B	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602827 (DWO) SLUDGE TRANSFER PUMP (09P01)		
<b>Location</b>			
<b>Equipment</b>	M639	<b>Estimated Hours</b>	2
<b>Manufacturer</b>			
<b>Equipment Model</b>	4NNTL-VM	<b>Estimated Cost</b>	50.84
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	101.68
<b>Date Started</b>	10/15/2008	<b>Date Completed</b>	10/23/2008

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	2	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		TRUJILLO, KEVIN	10/15/2008	BASE	2	25.42	50.84
		KENLEY, ERIC	10/15/2008	BASE	2	25.42	50.84
				<b>Subtotal</b>			<b>101.68</b>
				<b>Total</b>			<b>101.68</b>

<b>Work Order</b>	108422 (DWO) sludge transfer pump disassemble power end and make shaft ready for repairs	<b>Scheduled Start Date</b>	12/04/2008
<b>Status</b>	Completed	<b>WO Type</b>	BRKD
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	133897
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602824 (DWO) SLUDGE TRANSFER PUMP (09P02)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M639	<b>Estimated Hours</b>	12
<b>Manufacturer</b>			
<b>Equipment Model</b>	4NNTL-VM	<b>Estimated Cost</b>	308.00
<b>Equipment Serial Number</b>	5M26719345	<b>Actual Cost</b>	353.53
<b>Date Started</b>	12/04/2008	<b>Date Completed</b>	12/16/2008

**Work Order Comments**

*128330 [12/15/2008 08:50]:*

POWER END HOUSING IS BEYOND REPAIR SHAFT NEEDS TO BE TAKEN TO MACHUNE SHOP TO BE REBUILT

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	2	1		
2	514.5	2	1		
3	523.2	4	1		
4	528.2	4	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
3		HUTCHINS, WESLEY	12/04/2008	N	5	26.77	133.85
		HUTCHINS, WESLEY	12/05/2008	N	2	26.77	53.54
						<b>Subtotal</b>	<b>187.39</b>
4		TRUJILLO, KEVIN	12/04/2008	N	5	18.46	92.30
		TRUJILLO, KEVIN	12/05/2008	N	2	18.46	36.92
		KENLEY, ERIC	12/05/2008	N	2	18.46	36.92
						<b>Subtotal</b>	<b>166.14</b>
						<b>Total</b>	<b>353.53</b>

<b>Work Order</b>	121133 (DWO) NEWPP-Thickened Sludge Transfer Pumps - BPTRANS/PQTRLY	<b>Scheduled Start Date</b>	05/30/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q046 NEWPP-Thickened Sludge Transfer Pumps - BPTRANS/PQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602824 (DWO) SLUDGE TRANSFER PUMP (09P02)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M639	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	4NNTL-VM	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	5M26719345	<b>Actual Cost</b>	3.00
<b>Date Started</b>	06/29/2009	<b>Date Completed</b>	07/08/2009

**Work Order Comments**

*128330 [07/08/2009 06:44]:*  
Completed as instructed.

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q046	NEWPP-PM-Thickened Sludge Transfer Pumps
<i>121419 [08/26/2008 08:39]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
ALTERNATE AND RUN EACH PUMP FOR 10 - 15 MINUTES					
- CHECK PUMPS FOR ANY SIGN OF LEA					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	Q046	BROOKES, ROGER	06/29/2009	BASE	0.15	20.01	3.00
						<b>Subtotal</b>	<b>3.00</b>
						<b>Total</b>	<b>3.00</b>

<b>Work Order</b>	150702 (DWO) NEWPP-Thickened Sludge Transfer Pumps - BPTRANS/PQTRLY	<b>Scheduled Start Date</b>	08/28/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q046 NEWPP-Thickened Sludge Transfer Pumps - BPTRANS/PQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602824 (DWO) SLUDGE TRANSFER PUMP (09P02)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M639	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	4NNTL-VM	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	5M26719345	<b>Actual Cost</b>	5.00
<b>Date Started</b>	10/06/2009	<b>Date Completed</b>	10/07/2009

**Work Order Comments**

*128330 [10/06/2009 11:59]:*  
Completed as instructed unit ok

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q046	NEWPP-PM-Thickened Sludge Transfer Pumps
<i>121419 [08/26/2008 08:39]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
ALTERNATE AND RUN EACH PUMP FOR 10 - 15 MINUTES					
- CHECK PUMPS FOR ANY SIGN OF LEA					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	Q046	BROOKES, ROGER	10/06/2009	BASE	0.25	20.01	5.00
						<b>Subtotal</b>	<b>5.00</b>
						<b>Total</b>	<b>5.00</b>

<b>Work Order</b>	181170 (DWO) NEWPP-Thickened Sludge Transfer Pumps - BPTRANS/PQTRLY	<b>Scheduled Start Date</b>	11/26/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q046 NEWPP-Thickened Sludge Transfer Pumps - BPTRANS/PQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	138190 Younts, Lynn	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602824 (DWO) SLUDGE TRANSFER PUMP (09P02)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M639	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	4NNTL-VM	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	5M26719345	<b>Actual Cost</b>	27.69
<b>Date Started</b>	12/10/2009	<b>Date Completed</b>	12/17/2009

**Work Order Comments**

*133897 [12/10/2009 13:14]:*  
Complete PM-OK

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q046	NEWPP-PM-Thickened Sludge Transfer Pumps
<i>121419 [08/26/2008 08:39]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
ALTERNATE AND RUN EACH PUMP FOR 10 - 15 MINUTES					
- CHECK PUMPS FOR ANY SIGN OF LEA					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	Q046	KENLEY, ERIC	12/10/2009	N	1.5	18.46	27.69
						<b>Subtotal</b>	<b>27.69</b>
						<b>Total</b>	<b>27.69</b>

<b>Work Order</b>	225643 (DWO) tranfer pump will not pump correctly/transfer sludge from south to north	<b>Scheduled Start Date</b>	12/01/2009
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	133897 Kenley, Eric Scott	<b>Assigned To</b>	133897
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602824 (DWO) SLUDGE TRANSFER PUMP (09P02)		
<b>Location</b>			
<b>Equipment</b>	M639	<b>Estimated Hours</b>	3
<b>Manufacturer</b>			
<b>Equipment Model</b>	4NNTL-VM	<b>Estimated Cost</b>	76.26
<b>Equipment Serial Number</b>	5M26719345	<b>Actual Cost</b>	76.26
<b>Date Started</b>	12/01/2009	<b>Date Completed</b>	12/03/2009

**Work Order Comments**

*133897 [12/01/2009 14:38]:*  
 133897 12-01-09 3hrs

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	3	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		KENLEY, ERIC	12/01/2009	BASE	3	25.42	76.26
						<b>Subtotal</b>	<b>76.26</b>
						<b>Total</b>	<b>76.26</b>

<b>Work Order</b>	226256 (DWO) Assemble Documentation for Contract Proposal for SludgeTransferPumps(AndOthers)	<b>Scheduled Start Date</b>	12/03/2009
<b>Status</b>	Completed	<b>WO Type</b>	NP
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	138190 Younts, Lynn	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602824 (DWO) SLUDGE TRANSFER PUMP (09P02)		
<b>Location</b>			
<b>Equipment</b>	M639	<b>Estimated Hours</b>	2
<b>Manufacturer</b>			
<b>Equipment Model</b>	4NNTL-VM	<b>Estimated Cost</b>	62.60
<b>Equipment Serial Number</b>	5M26719345	<b>Actual Cost</b>	31.30
<b>Date Started</b>	12/03/2009	<b>Date Completed</b>	12/21/2009

**Work Order Comments**

*138190 [12/07/2009 07:55]:*  
 Garland and I emailed requested documentation to Allen. Job completed. - LDY

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	441.2	2	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		YOUNTS, LYNN	12/03/2009	N	1	31.30	31.30
						<b>Subtotal</b>	<b>31.30</b>
						<b>Total</b>	<b>31.30</b>

<b>Work Order</b>	227548 (DWO) South Thickener transfer attempt	<b>Scheduled Start Date</b>	12/14/2009
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P2
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	OPS OPERATIONS	<b>Equip Criticality</b>	C3
<b>Reported By</b>	133897 Kenley, Eric Scott	<b>Assigned To</b>	090534
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602824 (DWO) SLUDGE TRANSFER PUMP (09P02)		
<b>Location</b>			
<b>Equipment</b>	M639	<b>Estimated Hours</b>	8
<b>Manufacturer</b>			
<b>Equipment Model</b>	4NNTL-VM	<b>Estimated Cost</b>	152.78
<b>Equipment Serial Number</b>	5M26719345	<b>Actual Cost</b>	144.40
<b>Date Started</b>	12/14/2009	<b>Date Completed</b>	02/04/2010

**Work Order Comments**

**133897 [12/15/2009 15:07]:**

South Thickener transfer attempt-sludge too thick to use transfer pump-slow transfer in progress  
 133897-2.0hrs-12/15/09  
 133895-2.0hrs-12/15/09  
 135758-2.0hrs-12/15/09  
 102898-2.0hrs-12/15/09

**128330 [12/16/2009 11:04]:**

Joe Williams 090534: 2 Hours 12/14/09  
 2 Hours 12/15/09  
 2 Hours 12/16/09

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	2	1		
2	514.5	2	1		
3	523.2	2	1		
4	576.4	2	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		TRUJILLO, KEVIN	12/15/2009	BASE	2	25.42	50.84
						<b>Subtotal</b>	<b>50.84</b>
2		BROOKES, ROGER	12/15/2009	BASE	2	20.01	40.02
						<b>Subtotal</b>	<b>40.02</b>
3		HUTCHINS, WESLEY	12/15/2009	BASE	2	26.77	53.54
						<b>Subtotal</b>	<b>53.54</b>
4		WILLIAMS, JOSEPH	12/14/2009	BASE	2	0.00	0.00

Work Order	227548 (DWO)	South Thickener transfer attempt			Scheduled Start Date	12/14/2009	
Status	Completed				WO Type	CM	
4		WILLIAMS, JOSEPH	12/15/2009	BASE	2	0.00	0.00
		WILLIAMS, JOSEPH	12/16/2009	BASE	2	0.00	0.00
					<b>Subtotal</b>		<b>0.00</b>
					<b>Total</b>		<b>144.40</b>

<b>Work Order</b>	87709 (DWO) NEWPP-Thickened Sludge Transfer Pumps - BPTRANS/PQTRLY	<b>Scheduled Start Date</b>	03/01/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q046 NEWPP-Thickened Sludge Transfer Pumps - BPTRANS/PQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602824 (DWO) SLUDGE TRANSFER PUMP (09P02)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M639	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	4NNTL-VM	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	5M26719345	<b>Actual Cost</b>	6.05
<b>Date Started</b>	03/19/2009	<b>Date Completed</b>	03/31/2009

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q046	NEWPP-PM-Thickened Sludge Transfer Pumps
<i>121419 [08/26/2008 08:39]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
ALTERNATE AND RUN EACH PUMP FOR 10 - 15 MINUTES					
- CHECK PUMPS FOR ANY SIGN OF LEA					

WO Actual Labor Hours							
Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	Q046	BROOKES, ROGER	03/19/2009	BASE	0.25	24.20	6.05
						<b>Subtotal</b>	<b>6.05</b>
						<b>Total</b>	<b>6.05</b>

<b>Work Order</b>	108895 (DWO)	Put covers on sludge pumps 03/04	<b>Scheduled Start Date</b>	12/10/2008
<b>Status</b>	Completed		<b>WO Type</b>	BRKD
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P1
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>	2000040018	DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT	MAINTENANCE PROBLEM	<b>Equip Criticality Assigned To</b>	
<b>Reported By</b>	133895	Trujillo, Kevin	<b>Assigned By</b>	096216
<b>Project</b>				
<b>Standard WO</b>				
<b>Equipment</b>	602826 (DWO)	SLUDGE FEED PUMP (09P03)		
<b>Location</b>	ST-P/S (DWO)	(DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426		<b>Estimated Hours</b>	8
<b>Manufacturer</b>				
<b>Equipment Model</b>	NM0765		<b>Estimated Cost</b>	212.68
<b>Equipment Serial Number</b>			<b>Actual Cost</b>	196.08
<b>Date Started</b>	12/10/2008		<b>Date Completed</b>	12/15/2008

**Work Order Comments**

*128330 [12/12/2008 08:12]:*  
 iINSTALL COVERS ON PUMP MOTOR PULLIES

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	4	1		
2	441.2	2	1		
3	514.5	2	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		TRUJILLO, KEVIN	12/10/2008	N	4	18.46	73.84
		KENLEY, ERIC	12/10/2008	N	4	18.46	73.84
					<b>Subtotal</b>		<b>147.68</b>
3		BROOKES, ROGER	12/10/2008	N	2	24.20	48.40
							<b>Subtotal</b>
					<b>Total</b>		<b>196.08</b>

<b>Work Order</b>	113874 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Scheduled Start Date</b>	02/04/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	133895
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602826 (DWO) SLUDGE FEED PUMP (09P03)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	2.5
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	64.23
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	22.62
<b>Date Started</b>	02/24/2009	<b>Date Completed</b>	02/27/2009

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS CHECK CONDITION OF BELTS AND TIG</p>					
2	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS CHECK CONDITION OF BELTS AND TIG</p>					
3	523.2	0.5	1		

WO Actual Labor Hours							
Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	W055	TRUJILLO, KEVIN	02/24/2009	N	0.5	18.46	9.23
						<b>Subtotal</b>	<b>9.23</b>
3		HUTCHINS, WESLEY	02/24/2009	N	0.5	26.77	13.39

<b>Work Order</b>	113874 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFED/PWKLY)	<b>Scheduled Start Date</b>	02/04/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM

<b>Subtotal</b>	<hr/>	<b>13.39</b>
<b>Total</b>	<hr/>	<b>22.62</b>

<b>Work Order</b>	117235 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Scheduled Start Date</b>	03/04/2009
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602826 (DWO) SLUDGE FEED PUMP (09P03)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	2
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	50.84
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	03/16/2009

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS CHECK CONDITION OF BELTS AND TIG</p>					
2	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS CHECK CONDITION OF BELTS AND TIG</p>					

<b>Work Order</b>	117783 (DWO) NEWPP-BF FEED/PANN (Thickend Sludge Feed Pumps)	<b>Scheduled Start Date</b>	02/12/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	A062 NEWPP-BF FEED/PANN (Thickend Sludge Feed Pumps)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602826 (DWO) SLUDGE FEED PUMP (09P03)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	20.01
<b>Date Started</b>	02/15/2010	<b>Date Completed</b>	04/05/2010

**Work Order Comments**

*128330 [04/02/2010 14:14]:*  
Working ok

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	A062	NEWPP-PM-Thickend Sludge Feed Pumps
<i>121419 [08/26/2008 08:36]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
CHANGE OILS IN UNITS AS PERSCRIBED BY MFG					
GREASE ELECTRIC MOTORS WITH DI-ELECTRIC					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	A062	BROOKES, ROGER	02/15/2010	BASE	1	20.01	20.01
						<b>Subtotal</b>	<b>20.01</b>
						<b>Total</b>	<b>20.01</b>

<b>Work Order</b>	118375 (DWO) lost belts on pulley	<b>Scheduled Start Date</b>	03/10/2009
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	102898 Hutchins, Wesley E.	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602826 (DWO) SLUDGE FEED PUMP (09P03)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	3
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	78.29
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	78.29
<b>Date Started</b>	03/10/2009	<b>Date Completed</b>	03/12/2009

**Work Order Comments**

*128330 [03/12/2009 08:03]:*  
 PUT BELTS BACK ON UNIT PUT BACK IN TO SERVICE

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1.5	1		
2	523.2	1.5	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		TRUJILLO, KEVIN	03/10/2009	N	1.5	25.42	38.13
						<b>Subtotal</b>	<b>38.13</b>
2		HUTCHINS, WESLEY	03/10/2009	N	1.5	26.77	40.16
						<b>Subtotal</b>	<b>40.16</b>
						<b>Total</b>	<b>78.29</b>

<b>Work Order</b>	118880 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEED/PWKLY)	<b>Scheduled Start Date</b>	03/18/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality Assigned To</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned By</b>	
<b>Project</b>			
<b>Standard WO</b>			
<b>Equipment</b>	602826 (DWO) SLUDGE FEED PUMP (09P03)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	2.25
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	56.89
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	6.05
<b>Date Started</b>	03/18/2009	<b>Date Completed</b>	03/31/2009

**Work Order Comments**

*128330 [03/27/2009 14:57]:*  
COMPLETED AS INSTRUCTED

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><i>121419 [08/26/2008 08:37]:</i>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					
2	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><i>121419 [08/26/2008 08:37]:</i>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					
3	514.5	0.25	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
3		BROOKES, ROGER	03/18/2009	N	0.25	24.20	6.05

<b>Work Order</b>	118880 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFED/PWKLY)	<b>Scheduled Start Date</b>	03/18/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM

<b>Subtotal</b>	<hr/>	<b>6.05</b>
<b>Total</b>	<hr/>	<b>6.05</b>

<b>Work Order</b>	121147 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Scheduled Start Date</b>	04/01/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	133895
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602826 (DWO) SLUDGE FEED PUMP (09P03)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	2.5
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	64.23
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	22.62
<b>Date Started</b>	04/15/2009	<b>Date Completed</b>	04/16/2009

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS CHECK CONDITION OF BELTS AND TIG</p>					
2	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS CHECK CONDITION OF BELTS AND TIG</p>					
3	523.2	0.5	1		

WO Actual Labor Hours							
Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	W055	TRUJILLO, KEVIN	04/15/2009	N	0.5	18.46	9.23
						<b>Subtotal</b>	<b>9.23</b>
3		HUTCHINS, WESLEY	04/15/2009	N	0.5	26.77	13.39

<b>Work Order</b>	121147 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFED/PWKLY)	<b>Scheduled Start Date</b>	04/01/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM

<b>Subtotal</b>	<hr/>	<b>13.39</b>
<b>Total</b>	<hr/>	<b>22.62</b>

<b>Work Order</b>	123056 (DWO) NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PS ANN	<b>Scheduled Start Date</b>	09/28/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	S057 NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PS ANN	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602826 (DWO) SLUDGE FEED PUMP (09P03)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	20.01
<b>Date Started</b>	11/12/2009	<b>Date Completed</b>	11/16/2009

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	S057	NEWPP-PM-Thickened Sludge Feed Pumps
<i>121419 [08/26/2008 08:37]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
CLOSER INSPECTION OF BELTS/REMOVE BELT GUARD, REPLACE AS REQUIRED.					
GREASE ALL APP					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	S057	BROOKES, ROGER	11/12/2009	BASE	1	20.01	20.01
						<b>Subtotal</b>	<b>20.01</b>
						<b>Total</b>	<b>20.01</b>

<b>Work Order</b>	145949 (DWO) SLUDGE WILL NOT START	<b>Scheduled Start Date</b>	05/15/2009
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P2
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	133895 Trujillo, Kevin	<b>Assigned To</b>	133895
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602826 (DWO) SLUDGE FEED PUMP (09P03)		
<b>Location</b>			
<b>Equipment</b>	M426	<b>Estimated Hours</b>	2
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	52.19
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	45.23
<b>Date Started</b>	05/15/2009	<b>Date Completed</b>	05/26/2009

**Work Order Comments**

*128330 [05/22/2009 06:31]:*  
 Pump will not stay running

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	1		
2	523.2	1	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		TRUJILLO, KEVIN	05/15/2009	N	1	18.46	18.46
					<b>Subtotal</b>		<b>18.46</b>
2		HUTCHINS, WESLEY	05/15/2009	N	1	26.77	26.77
					<b>Subtotal</b>		<b>26.77</b>
					<b>Total</b>		<b>45.23</b>

<b>Work Order</b>	149788 (DWO) Motor needs to be wired/ motor replaced	<b>Scheduled Start Date</b>	06/30/2009
<b>Status</b>	Completed	<b>WO Type</b>	ELEC
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	ELECT ELECTRICAL PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	133895 Trujillo, Kevin	<b>Assigned To</b>	102898
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602826 (DWO) SLUDGE FEED PUMP (09P03)		
<b>Location</b>			
<b>Equipment</b>	M426	<b>Estimated Hours</b>	4
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	104.38
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	104.38
<b>Date Started</b>	06/30/2009	<b>Date Completed</b>	07/02/2009

**Work Order Comments**

*128330 [07/01/2009 09:42]:*  
 Rewire motor , ck, voltage , motor in service.

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	523.2	2	1		
2	528.2	2	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		HUTCHINS, WESLEY	06/30/2009	N	2	26.77	53.54
						<b>Subtotal</b>	<b>53.54</b>
2		TRUJILLO, KEVIN	06/30/2009	N	2	25.42	50.84
						<b>Subtotal</b>	<b>50.84</b>
						<b>Total</b>	<b>104.38</b>

<b>Work Order</b>	178182 (DWO) NEWPP-VALVES (0041) ANNUAL	<b>Scheduled Start Date</b>	09/24/2009
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	A093 NEWPP-VALVES (0041) ANNUAL	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	C3
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602826 (DWO) SLUDGE FEED PUMP (09P03)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	25.42
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	A093	NEWPP-PM-VALVES
<i>121419 [08/26/2008 08:15]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- OPEN AND CLOSE VALVE					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
- VERIFY WITH OPERATIONS IF POSSIBLE TO DO WITH LIVE LINE.					

<b>Work Order</b>	178283 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Scheduled Start Date</b>	09/24/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602826 (DWO) SLUDGE FEED PUMP (09P03)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	2.25
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	56.89
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	5.00
<b>Date Started</b>	10/06/2009	<b>Date Completed</b>	10/07/2009

**Work Order Comments**

*128330 [10/06/2009 11:22]:*  
Unit working ok

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><i>121419 [08/26/2008 08:37]:</i>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					
2	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><i>121419 [08/26/2008 08:37]:</i>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					
3	514.5	0.25	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
3		BROOKES, ROGER	10/06/2009	N	0.25	20.01	5.00

<b>Work Order</b>	178283 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFED/PWKLY)	<b>Scheduled Start Date</b>	09/24/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM

<b>Subtotal</b>	<hr/>	<b>5.00</b>
<b>Total</b>	<hr/>	<b>5.00</b>

<b>Work Order</b>	178311 (DWO) NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PQTRLY	<b>Scheduled Start Date</b>	12/17/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q043 NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	090534
<b>Standard WO</b>			
<b>Equipment</b>	602826 (DWO) SLUDGE FEED PUMP (09P03)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	20.01
<b>Date Started</b>	12/17/2009	<b>Date Completed</b>	12/23/2009

**Work Order Comments**

*135758 [12/17/2009 14:08]:*  
 12/17/09  
 pump running ok

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q043	NEWPP-PM-Thickened Sludge Feed Pumps
<i>121419 [08/26/2008 08:36]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
CLOSER INSPECTION OF BELTS/REMOVE BELT GUARD, REPLACE AS REQUIRED.					
GREASE ALL APP					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	Q043	BROOKES, ROGER	12/17/2009	N	1	20.01	20.01
						<b>Subtotal</b>	<b>20.01</b>
						<b>Total</b>	<b>20.01</b>

<b>Work Order</b>	181168 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Scheduled Start Date</b>	10/08/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	133897
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602826 (DWO) SLUDGE FEED PUMP (09P03)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	2
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	50.84
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	43.88
<b>Date Started</b>	10/09/2009	<b>Date Completed</b>	10/26/2009

**Work Order Comments**

*133897 [10/20/2009 08:09]:*

Complete inspection-OK

*128330 [10/23/2009 10:10]:*

complete

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><i>121419 [08/26/2008 08:37]:</i></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS CHECK CONDITION OF BELTS AND TIG</p>					
2	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><i>121419 [08/26/2008 08:37]:</i></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS CHECK CONDITION OF BELTS AND TIG</p>					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
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Work Order	181168 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFED/PWKLY)	Scheduled Start Date	10/08/2009
Status	Completed	WO Type	PM
1	W055	KENLEY, ERIC	10/09/2009 N 1 25.42 25.42
		KENLEY, ERIC	10/20/2009 N 1 18.46 18.46
			<b>Subtotal</b> <u>43.88</u>
			<b>Total</b> <u>43.88</u>

<b>Work Order</b>	221433 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Scheduled Start Date</b>	10/29/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	138190
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602826 (DWO) SLUDGE FEED PUMP (09P03)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	3
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	82.14
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	31.30
<b>Date Started</b>	11/12/2009	<b>Date Completed</b>	11/30/2009

**Work Order Comments**

**138190 [11/12/2009 14:41]:**

Job Completed. Out of Service Motor/Pump. Belts Good. Guard Off. - LDY

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					
2	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					
3	441.2	1	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
3		YOUNTS, LYNN	11/12/2009	N	1	31.30	31.30

<b>Work Order</b>	221433 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFED/PWKLY)	<b>Scheduled Start Date</b>	10/29/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM

<b>Subtotal</b>	<hr/>	<b>31.30</b>
<b>Total</b>	<hr/>	<b>31.30</b>

<b>Work Order</b>	224138 (DWO) NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PS ANN	<b>Scheduled Start Date</b>	03/27/2010
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	
<b>PM Code</b>	S057 NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PS ANN	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	C3
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602826 (DWO) SLUDGE FEED PUMP (09P03)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	S057	NEWPP-PM-Thickened Sludge Feed Pumps
					<b>121419 [08/26/2008 08:37]:</b>
					- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)
					- LOCKOUT/TAGOUT EQUIPMENT
					- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-
					- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION
					CLOSER INSPECTION OF BELTS/REMOVE BELT GUARD, REPLACE AS REQUIRED.
					GREASE ALL APP

<b>Work Order</b>	225195 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Scheduled Start Date</b>	11/30/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602826 (DWO) SLUDGE FEED PUMP (09P03)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	2
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	50.84
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	20.01
<b>Date Started</b>	12/07/2009	<b>Date Completed</b>	02/03/2010

**Work Order Comments**

**133897 [01/19/2010 09:47]:**  
 Pump working fine, grease

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					
2	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	W055	BROOKES, ROGER	12/07/2009	N	1	20.01	20.01
						<b>Subtotal</b>	<b>20.01</b>

<b>Work Order</b>	225195 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFED/PWKLY)	<b>Scheduled Start Date</b>	11/30/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM

**Total** 20.01

<b>Work Order</b>	234171 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEE/PWKLY)	<b>Scheduled Start Date</b>	02/09/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEE/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	090534 Williams, Joseph O.	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602826 (DWO) SLUDGE FEED PUMP (09P03)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	3
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	75.04
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	20.01
<b>Date Started</b>	02/18/2010	<b>Date Completed</b>	03/01/2010

**Work Order Comments**

*135758 [02/19/2010 09:47]:*  
inspect and grease necessary area;ok

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><i>121419 [08/26/2008 08:37]:</i>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					
2	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><i>121419 [08/26/2008 08:37]:</i>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					
3	514.5	1	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
3		BROOKES, ROGER	02/18/2010	N	1	20.01	20.01

<b>Work Order</b>	234171 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFED/PWKLY)	<b>Scheduled Start Date</b>	02/09/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM

<b>Subtotal</b>	<hr/>	<b>20.01</b>
<b>Total</b>	<hr/>	<b>20.01</b>

<b>Work Order</b>	240058 (DWO) pump not working	<b>Scheduled Start Date</b>	02/26/2010
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	133895 Trujillo, Kevin	<b>Assigned To</b>	133895
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602826 (DWO) SLUDGE FEED PUMP (09P03)		
<b>Location</b>			
<b>Equipment</b>	M426	<b>Estimated Hours</b>	2
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	52.19
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	1,238.27
<b>Date Started</b>	02/26/2010	<b>Date Completed</b>	04/01/2010

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	523.2	1	1		
2	528.2	1	1		

WO Actual Labor Hours							
Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		HUTCHINS, WESLEY	02/26/2010	N	1	26.77	26.77
					<b>Subtotal</b>		<b>26.77</b>
2		TRUJILLO, KEVIN	02/26/2010	N	1	18.46	18.46
					<b>Subtotal</b>		<b>18.46</b>
					<b>Total</b>		<b>45.23</b>

<b>Work Order</b>	240403 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Scheduled Start Date</b>	03/01/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	090534 Williams, Joseph O.	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602826 (DWO) SLUDGE FEED PUMP (09P03)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	3
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	75.04
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	10.01
<b>Date Started</b>	03/05/2010	<b>Date Completed</b>	03/10/2010

**Work Order Comments**

**135758 [03/05/2010 11:05]:**

3-05-2010  
pump working ok

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
					<b>121419 [08/26/2008 08:37]:</b> - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS) - LOCKOUT/TAGOUT EQUIPMENT - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT- - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS CHECK CONDITION OF BELTS AND TIG
2	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
					<b>121419 [08/26/2008 08:37]:</b> - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS) - LOCKOUT/TAGOUT EQUIPMENT - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT- - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS CHECK CONDITION OF BELTS AND TIG
3	514.5	1	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
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<b>Work Order</b>	240403 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFED/PWKLY)	<b>Scheduled Start Date</b>	03/01/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
3	BROOKES, ROGER	03/05/2010 N	0.5 20.01 10.01
			<b>Subtotal</b> <u>10.01</u>
			<b>Total</b> <u>10.01</u>

<b>Work Order</b>	243881 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEED/PWKLY)	<b>Scheduled Start Date</b>	03/15/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	C3
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602826 (DWO) SLUDGE FEED PUMP (09P03)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	2
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	50.84
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	45.23
<b>Date Started</b>	03/15/2010	<b>Date Completed</b>	03/25/2010

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS CHECK CONDITION OF BELTS AND TIG</p>					
2	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS CHECK CONDITION OF BELTS AND TIG</p>					

WO Actual Labor Hours								
Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total	
1	W055	HUTCHINS, WESLEY	03/15/2010	BASE	1	26.77	26.77	
		TRUJILLO, KEVIN	03/15/2010	N	1	18.46	18.46	
							<b>Subtotal</b>	<b>45.23</b>
							<b>Total</b>	<b>45.23</b>

<b>Work Order</b>	245911 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Scheduled Start Date</b>	02/24/2010
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	C3
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602826 (DWO) SLUDGE FEED PUMP (09P03)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	2
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	50.84
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS CHECK CONDITION OF BELTS AND TIG</p>					
2	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS CHECK CONDITION OF BELTS AND TIG</p>					

<b>Work Order</b>	248295 (DWO) NEWPP-BF FEED/PANN (Thickend Sludge Feed Pumps)	<b>Scheduled Start Date</b>	04/05/2011
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	A062 NEWPP-BF FEED/PANN (Thickend Sludge Feed Pumps)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	138730 Stepp, Raymond	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602826 (DWO) SLUDGE FEED PUMP (09P03)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	0.5
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	12.10
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	0.5	1	A062	NEWPP-PM-Thickend Sludge Feed Pumps
<i>121419 [08/26/2008 08:36]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
CHANGE OILS IN UNITS AS PERSCRIBED BY MFG					
GREASE ELECTRIC MOTORS WITH DI-ELECTRIC					

<b>Work Order</b>	527515 (DWO) NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PQTRLY	<b>Scheduled Start Date</b>	09/06/2011
<b>Status</b>	Work in Progress	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	
<b>PM Code</b>	Q043 NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	C3
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602826 (DWO) SLUDGE FEED PUMP (09P03)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q043	NEWPP-PM-Thickened Sludge Feed Pumps
<i>121419 [08/26/2008 08:36]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
CLOSER INSPECTION OF BELTS/REMOVE BELT GUARD, REPLACE AS REQUIRED.					
GREASE ALL APP					

<b>Work Order</b>	527528 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Scheduled Start Date</b>	09/12/2011
<b>Status</b>	Work in Progress	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	C3
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602826 (DWO) SLUDGE FEED PUMP (09P03)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	0.25
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	0.00
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	GCON	0.25	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS CHECK CONDITION OF BELTS AND TIG</p>					

<b>Work Order</b>	87216 (DWO) NEWPP-BF FEED/PANN (Thickend Sludge Feed Pumps)	<b>Scheduled Start Date</b>	02/12/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	A062 NEWPP-BF FEED/PANN (Thickend Sludge Feed Pumps)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality Assigned To</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned By</b>	
<b>Project</b>			
<b>Standard WO</b>			
<b>Equipment</b>	602826 (DWO) SLUDGE FEED PUMP (09P03)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	1.5
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	36.91
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	9.23
<b>Date Started</b>	02/26/2009	<b>Date Completed</b>	03/05/2009

**Work Order Comments**

*128330 [03/05/2009 09:38]:*  
 looked over unit ck, for noise unit ok

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	A062	NEWPP-PM-Thickend Sludge Feed Pumps
					<i>121419 [08/26/2008 08:36]:</i> - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS) - LOCKOUT/TAGOUT EQUIPMENT - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT- - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION CHANGE OILS IN UNITS AS PERSCRIBED BY MFG GREASE ELECTRIC MOTORS WITH DI-ELECTRIC
2	528.2	0.5	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
2		TRUJILLO, KEVIN	02/26/2009	N	0.5	18.46	9.23
					<b>Subtotal</b>		<b>9.23</b>
					<b>Total</b>		<b>9.23</b>

<b>Work Order</b>	87698 (DWO) NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PQTRLY	<b>Scheduled Start Date</b>	03/19/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q043 NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602826 (DWO) SLUDGE FEED PUMP (09P03)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	2.42
<b>Date Started</b>	03/19/2009	<b>Date Completed</b>	03/31/2009

**Work Order Comments**

*128330 [03/27/2009 15:06]:*  
COMPLETED AS INSTRUCTED

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q043	NEWPP-PM-Thickened Sludge Feed Pumps
<i>121419 [08/26/2008 08:36]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
CLOSER INSPECTION OF BELTS/REMOVE BELT GUARD, REPLACE AS REQUIRED.					
GREASE ALL APP					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	Q043	BROOKES, ROGER	03/19/2009	BASE	0.1	24.20	2.42
						<b>Subtotal</b>	<b>2.42</b>
						<b>Total</b>	<b>2.42</b>

<b>Work Order</b>	87763 (DWO) NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PS ANN	<b>Scheduled Start Date</b>	04/01/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	S057 NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PS ANN	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	133895
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602826 (DWO) SLUDGE FEED PUMP (09P03)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	2
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	50.30
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	22.62
<b>Date Started</b>	04/15/2009	<b>Date Completed</b>	04/16/2009

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	S057	NEWPP-PM-Thickened Sludge Feed Pumps
					<i>121419 [08/26/2008 08:37]:</i>
					- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)
					- LOCKOUT/TAGOUT EQUIPMENT
					- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-
					- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION
					CLOSER INSPECTION OF BELTS/REMOVE BELT GUARD, REPLACE AS REQUIRED.
					GREASE ALL APP
2	523.2	0.5	1		
3	528.2	0.5	1		

WO Actual Labor Hours							
Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
2		HUTCHINS, WESLEY	04/15/2009	N	0.5	26.77	13.39
					<b>Subtotal</b>		<b>13.39</b>
3		TRUJILLO, KEVIN	04/15/2009	N	0.5	18.46	9.23
					<b>Subtotal</b>		<b>9.23</b>
					<b>Total</b>		<b>22.62</b>

<b>Work Order</b>	87817 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEED/PWKLY)	<b>Scheduled Start Date</b>	01/21/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602826 (DWO)		SLUDGE FEED PUMP (09P03)
<b>Location</b>	ST-P/S (DWO)		(DNE) SLUDGE THICKENER - P/S
<b>Equipment</b>	M426	<b>Estimated Hours</b>	
<b>Manufacturer</b>		<b>Estimated Cost</b>	0.00
<b>Equipment Model</b>	NM076S	<b>Actual Cost</b>	0.00
<b>Equipment Serial Number</b>		<b>Date Completed</b>	01/29/2009
<b>Date Started</b>			

<b>Work Order</b>	107488 (DWO) Sludge pump will not stay running, Trips out when running two presses	<b>Scheduled Start Date</b>	12/02/2008
<b>Status</b>	Completed	<b>WO Type</b>	BRKD
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P2
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality Assigned To</b>	
<b>Reported By</b>	133895 Trujillo, Kevin	<b>Assigned By</b>	096216
<b>Project</b>			
<b>Standard WO</b>			
<b>Equipment</b>	602825 (DWO) SLUDGE FEED PUMP (09P04)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	6
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	156.57
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	201.22
<b>Date Started</b>	12/02/2008	<b>Date Completed</b>	12/04/2008

**Work Order Comments**

*128330 [12/04/2008 10:47]:*  
look over unit ck, out motors swiched bypass valve unit still acting up.

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	3	1		
2	523.2	3	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		TRUJILLO, KEVIN	12/02/2008	N	3	18.46	55.38
		TRUJILLO, KEVIN	12/03/2008	N	1	18.46	18.46
		KENLEY, ERIC	12/02/2008	N	3	18.46	55.38
		KENLEY, ERIC	12/03/2008	N	1	18.46	18.46
					<b>Subtotal</b>		<b>147.68</b>
2		HUTCHINS, WESLEY	12/02/2008	N	2	26.77	53.54
							<b>Subtotal</b>
					<b>Total</b>		<b>201.22</b>

<b>Work Order</b>	113877 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Scheduled Start Date</b>	02/04/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	133895
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602825 (DWO) SLUDGE FEED PUMP (09P04)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	2.5
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	64.23
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	22.62
<b>Date Started</b>	02/24/2009	<b>Date Completed</b>	02/27/2009

**Work Order Comments**

**128330 [02/27/2009 08:12]:**  
 LOOKED OVER UNIT CK, BELTS LISTEN TO PUMP & MOTOR UNIT OK

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					
2	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					
3	523.2	0.5	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	W055	TRUJILLO, KEVIN	02/24/2009	N	0.5	18.46	9.23

<b>Work Order</b>	113877 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFED/PWKLY)	<b>Scheduled Start Date</b>	02/04/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM

				<b>Subtotal</b>		<b>9.23</b>
3	HUTCHINS, WESLEY	02/24/2009	N	0.5	26.77	13.39
				<b>Subtotal</b>		<b>13.39</b>
				<b>Total</b>		<b>22.62</b>

<b>Work Order</b>	117237 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Scheduled Start Date</b>	03/04/2009
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602825 (DWO) SLUDGE FEED PUMP (09P04)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	2
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	50.84
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	03/16/2009

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS CHECK CONDITION OF BELTS AND TIG</p>					
2	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS CHECK CONDITION OF BELTS AND TIG</p>					

<b>Work Order</b>	117784 (DWO) NEWPP-BF FEED/PANN (Thickend Sludge Feed Pumps)	<b>Scheduled Start Date</b>	02/12/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	A062 NEWPP-BF FEED/PANN (Thickend Sludge Feed Pumps)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602825 (DWO) SLUDGE FEED PUMP (09P04)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	20.01
<b>Date Started</b>	02/16/2010	<b>Date Completed</b>	04/05/2010

**Work Order Comments**

*128330 [04/02/2010 14:18]:*  
working ok

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	A062	NEWPP-PM-Thickend Sludge Feed Pumps
<i>121419 [08/26/2008 08:36]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
CHANGE OILS IN UNITS AS PERSCRIBED BY MFG					
GREASE ELECTRIC MOTORS WITH DI-ELECTRIC					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	A062	BROOKES, ROGER	02/16/2010	BASE	1	20.01	20.01
						<b>Subtotal</b>	<b>20.01</b>
						<b>Total</b>	<b>20.01</b>

<b>Work Order</b>	118379 (DWO) lost belts on the pulley	<b>Scheduled Start Date</b>	03/10/2009
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	102898 Hutchins, Wesley E.	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602825 (DWO) SLUDGE FEED PUMP (09P04)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	3
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	78.29
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	78.29
<b>Date Started</b>	03/10/2009	<b>Date Completed</b>	03/12/2009

**Work Order Comments**

*128330 [03/12/2009 07:59]:*  
 PUT BELTS BACK ON UNIT

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1.5	1		
2	523.2	1.5	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		TRUJILLO, KEVIN	03/10/2009	N	1.5	25.42	38.13
						<b>Subtotal</b>	<b>38.13</b>
2		HUTCHINS, WESLEY	03/10/2009	N	1.5	26.77	40.16
						<b>Subtotal</b>	<b>40.16</b>
						<b>Total</b>	<b>78.29</b>

<b>Work Order</b>	118852 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Scheduled Start Date</b>	03/18/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602825 (DWO) SLUDGE FEED PUMP (09P04)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	2.25
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	56.89
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	6.05
<b>Date Started</b>	03/18/2009	<b>Date Completed</b>	03/31/2009

**Work Order Comments**

*128330 [03/30/2009 10:39]:*  
completed as instructed

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><i>121419 [08/26/2008 08:37]:</i>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					
2	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><i>121419 [08/26/2008 08:37]:</i>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					
3	514.5	0.25	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
3		BROOKES, ROGER	03/18/2009	N	0.25	24.20	6.05

<b>Work Order</b>	118852 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFED/PWKLY)	<b>Scheduled Start Date</b>	03/18/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM

<b>Subtotal</b>	<hr/>	<b>6.05</b>
<b>Total</b>	<hr/>	<b>6.05</b>

<b>Work Order</b>	121145 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEED/PWKLY)	<b>Scheduled Start Date</b>	04/01/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	133895
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602825 (DWO) SLUDGE FEED PUMP (09P04)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	2.5
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	64.23
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	14.31
<b>Date Started</b>	04/17/2009	<b>Date Completed</b>	04/20/2009

**Work Order Comments**

*128330 [04/20/2009 08:28]:*  
work completed as instructed

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><i>121419 [08/26/2008 08:37]:</i>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					
2	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><i>121419 [08/26/2008 08:37]:</i>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					
3	523.2	0.5	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
2	W055	TRUJILLO, KEVIN	04/17/2009	N	0.05	18.46	0.92

<b>Work Order</b>	121145 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFED/PWKLY)	<b>Scheduled Start Date</b>	04/01/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM

				<b>Subtotal</b>		<b>0.92</b>
3	HUTCHINS, WESLEY	04/17/2009	N	0.5	26.77	13.39
				<b>Subtotal</b>		<b>13.39</b>
				<b>Total</b>		<b>14.31</b>

<b>Work Order</b>	124319 (DWO) NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PS ANN	<b>Scheduled Start Date</b>	09/28/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	S057 NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PS ANN	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602825 (DWO) SLUDGE FEED PUMP (09P04)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	11/16/2009

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	S057	NEWPP-PM-Thickened Sludge Feed Pumps
<b>121419 [08/26/2008 08:37]:</b> - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS) - LOCKOUT/TAGOUT EQUIPMENT - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT- - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION CLOSER INSPECTION OF BELTS/REMOVE BELT GUARD, REPLACE AS REQUIRED. GREASE ALL APP					

<b>Work Order</b>	178181 (DWO) NEWPP-VALVES (0041) ANNUAL	<b>Scheduled Start Date</b>	09/24/2009
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	A093 NEWPP-VALVES (0041) ANNUAL	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	C3
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602825 (DWO) SLUDGE FEED PUMP (09P04)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	25.42
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	A093	NEWPP-PM-VALVES
<i>121419 [08/26/2008 08:15]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- OPEN AND CLOSE VALVE					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
- VERIFY WITH OPERATIONS IF POSSIBLE TO DO WITH LIVE LINE.					

<b>Work Order</b>	178310 (DWO) NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PQTRLY	<b>Scheduled Start Date</b>	12/17/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q043 NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	090534
<b>Standard WO</b>			
<b>Equipment</b>	602825 (DWO) SLUDGE FEED PUMP (09P04)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	2
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	48.40
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	20.01
<b>Date Started</b>	12/17/2009	<b>Date Completed</b>	12/23/2009

**Work Order Comments**

*135758 [12/17/2009 14:03]:*  
 12/17/09  
 pump running ok , check belts, etc.,

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q043	NEWPP-PM-Thickened Sludge Feed Pumps
					<i>121419 [08/26/2008 08:36]:</i> - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS) - LOCKOUT/TAGOUT EQUIPMENT - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT- - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION CLOSER INSPECTION OF BELTS/REMOVE BELT GUARD, REPLACE AS REQUIRED. GREASE ALL APP
2	514.5	1	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	Q043	BROOKES, ROGER	12/17/2009	N	1	20.01	20.01
					<b>Subtotal</b>		<b>20.01</b>
					<b>Total</b>		<b>20.01</b>

<b>Work Order</b>	179049 (DWO)	Disassemble pump inspect and repair as needed	<b>Scheduled Start Date</b>	09/28/2009
<b>Status</b>	Completed		<b>WO Type</b>	BRKD
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P2
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>	2000040018	DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT	MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	128330	Beshears, Garland W	<b>Assigned To</b>	133895
<b>Project</b>			<b>Assigned By</b>	096216
<b>Standard WO</b>				
<b>Equipment</b>	602825 (DWO)	SLUDGE FEED PUMP (09P04)		
<b>Location</b>				
<b>Equipment</b>	M426		<b>Estimated Hours</b>	19
<b>Manufacturer</b>				
<b>Equipment Model</b>	NM076S		<b>Estimated Cost</b>	493.79
<b>Equipment Serial Number</b>			<b>Actual Cost</b>	712.86
<b>Date Started</b>	09/28/2009		<b>Date Completed</b>	10/05/2009

**Work Order Comments**

*128330 [10/05/2009 09:52]:*

Disassembled pump found front pin broken replaced from stock, put pump back together , would not start , reset controller, pump working ok

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	803.2	2	1		
2	528.2	7	1		
3	514.5	7	1		
4	523.2	3	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		BESHEARS, GARLAND	09/28/2009	N	2	33.07	66.14
					<b>Subtotal</b>		<b>66.14</b>
2		TRUJILLO, KEVIN	09/28/2009	N	7	18.46	129.22
		TRUJILLO, KEVIN	09/29/2009	N	5	18.46	92.30
		TRUJILLO, KEVIN	09/30/2009	N	1.5	18.46	27.69
		KENLEY, ERIC	09/28/2009	N	2	18.46	36.92
					<b>Subtotal</b>		<b>286.13</b>
3		BROOKES, ROGER	09/28/2009	N	7	20.01	140.07
		BROOKES, ROGER	09/29/2009	N	5	20.01	100.05
					<b>Subtotal</b>		<b>240.12</b>
4		HUTCHINS, WESLEY	09/28/2009	N	3	26.77	80.31
		HUTCHINS, WESLEY	09/30/2009	N	1.5	26.77	40.16

<b>Work Order</b>	179049 (DWO)	Dissemble pump inspect and repair as needed	<b>Scheduled Start Date</b>	09/28/2009
<b>Status</b>	Completed		<b>WO Type</b>	BRKD

<b>Subtotal</b>	<u>120.47</u>
<b>Total</b>	<u>712.86</u>

<b>Work Order</b>	220869 (DWO) 9P04 phase 1 sludge feed pump coupling wiped out	<b>Scheduled Start Date</b>	10/19/2009
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	133897 Kenley, Eric Scott	<b>Assigned To</b>	133897
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602825 (DWO) SLUDGE FEED PUMP (09P04)		
<b>Location</b>			
<b>Equipment</b>	M426	<b>Estimated Hours</b>	22
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	576.48
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	553.42
<b>Date Started</b>	10/19/2009	<b>Date Completed</b>	02/22/2010

**Work Order Comments**

**133897 [10/20/2009 07:50]:**  
 9P04 phase 1 sludge feed pump coupling wiped out-removed coupling assembly inspected  
 133897-3.0-10/19/09  
 135758-3.0-10/19/09

**128330 [10/20/2009 11:20]:**  
 Assisted in the removal inspection and repair of pump 9PO4. 3HR'S

**133897 [10/20/2009 14:31]:**  
 installed coupling/reassembled pump-retest awaiting epoxy cure  
 133897-5.0hrs-10/20/09  
 135758-5.0hrs-10/20/09

**133897 [10/21/2009 14:38]:**  
 Electrically isolate/connect machine  
 102898-3.0hrs-10/20/09

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	8	1		
2	803.2	3	1		
3	514.5	8	1		
4	523.2	3	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		KENLEY, ERIC	10/19/2009	N	3	18.46	55.38
		KENLEY, ERIC	10/20/2009	N	5	18.46	92.30
						<b>Subtotal</b>	<b>147.68</b>
2		BESHEARS, GARLAND	10/19/2009	N	3	33.07	99.21

Work Order	220869 (DWO)	9P04 phase 1 sludge feed pump coupling wiped out	Scheduled Start Date	10/19/2009
Status	Completed		WO Type	CM
2	BESHEARS, GARLAND	10/20/2009	N	2 33.07 66.14
				<b>Subtotal</b> <b>165.35</b>
3	BROOKES, ROGER	10/19/2009	N	3 20.01 60.03
	BROOKES, ROGER	10/20/2009	N	5 20.01 100.05
				<b>Subtotal</b> <b>160.08</b>
4	HUTCHINS, WESLEY	10/20/2009	N	3 26.77 80.31
				<b>Subtotal</b> <b>80.31</b>
				<b>Total</b> <b>553.42</b>

<b>Work Order</b>	224149 (DWO) NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PS ANN	<b>Scheduled Start Date</b>	03/27/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	S057 NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PS ANN	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	090534 Williams, Joseph O.	<b>Assigned To</b>	133897
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602825 (DWO) SLUDGE FEED PUMP (09P04)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	20.01
<b>Date Started</b>	03/29/2010	<b>Date Completed</b>	04/20/2010

**Work Order Comments**

*133897 [03/29/2010 11:04]:*  
working - ok

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	S057	NEWPP-PM-Thickened Sludge Feed Pumps
<i>121419 [08/26/2008 08:37]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
CLOSER INSPECTION OF BELTS/REMOVE BELT GUARD, REPLACE AS REQUIRED.					
GREASE ALL APP					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	S057	BROOKES, ROGER	03/29/2010	N	1	20.01	20.01
						<b>Subtotal</b>	<b>20.01</b>
						<b>Total</b>	<b>20.01</b>

<b>Work Order</b>	226013 (DWO) Replace shear pin in pump	<b>Scheduled Start Date</b>	12/03/2009
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	133897
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602825 (DWO) SLUDGE FEED PUMP (09P04)		
<b>Location</b>			
<b>Equipment</b>	M426	<b>Estimated Hours</b>	12.75
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	337.48
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	439.16
<b>Date Started</b>	12/03/2009	<b>Date Completed</b>	01/22/2010

**Work Order Comments**

**133897 [12/04/2009 07:13]:**

Disassemble pump and replace shear pin-retest OK  
 133897-4.0hrs-12/3/09  
 133895-4.0hrs-12/3/09  
 135758-4.0hrs-12/3/09

**128330 [12/16/2009 09:56]:**

Dec 16: Assisted with record keeping associated with this work order. - LDY

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	4	1		
2	514.6	4	1		
3	441.2	0.75	1		
4	803.2	4	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		TRUJILLO, KEVIN	12/03/2009	BASE	4	25.42	101.68
		KENLEY, ERIC	12/03/2009	BASE	4	25.42	101.68
					<b>Subtotal</b>		<b>203.36</b>
2		BROOKES, ROGER	12/03/2009	BASE	4	20.01	80.04
							<b>Subtotal</b>
3		YOUNTS, LYNN	12/16/2009	BASE	0.75	31.30	23.48
							<b>Subtotal</b>
4		BESHEARS, GARLAND	12/03/2009	BASE	4	33.07	132.28
							<b>Subtotal</b>

<b>Work Order</b>	226013 (DWO) Replace shear pin in pump	<b>Scheduled Start Date</b>	12/03/2009
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Total</b>			<b>439.16</b>

<b>Work Order</b>	235526 (DWO) MAINTENANCE PROBLEM	<b>Scheduled Start Date</b>	02/13/2010
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	128522 Miranda, Francisco J	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602825 (DWO) SLUDGE FEED PUMP (09P04)		
<b>Location</b>			
<b>Equipment</b>	M426	<b>Estimated Hours</b>	19
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	477.02
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	1,673.36
<b>Date Started</b>	02/15/2010	<b>Date Completed</b>	02/22/2010

**Work Order Comments**

**128522 [02/13/2010 16:29]:**

Pump kicked off went to rest it but kept kicking off

**122522 [02/16/2010 09:49]:**

Check pump operation2, Pump run about 2 min. then stall. Possible check valve or output valve have problems. Ask mechanic check these valve.

**135758 [02/18/2010 08:35]:**

2-15-2010  
check out sludge pump 09p04

**135758 [02/18/2010 08:46]:**

2-17-2010  
replace motor running ok

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	2.5	1		
2	523.2	2.5	1		
3	441.3	4	1		
4	441.2	1.5	1		
5	514.5	2.5	1		
6	803.2	3	1		
7	576.4	3	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		TRUJILLO, KEVIN	02/17/2010	N	3	18.46	55.38
		KENLEY, ERIC	02/15/2010	N	2	18.46	36.92

Work Order	235526 (DWO)	MAINTENANCE PROBLEM			Scheduled Start Date	02/13/2010
Status	Completed				WO Type	CM
					<b>Subtotal</b>	<b>92.30</b>
2		HUTCHINS, WESLEY	02/17/2010	N	3	26.77 80.31
					<b>Subtotal</b>	<b>80.31</b>
3		NGUYEN, LONG	02/15/2010	N	2	34.97 69.94
					<b>Subtotal</b>	<b>69.94</b>
4		YOUNTS, LYNN	02/15/2010	N	1.5	19.00 28.50
					<b>Subtotal</b>	<b>28.50</b>
5		BROOKES, ROGER	02/15/2010	N	2.5	20.01 50.03
		BROOKES, ROGER	02/17/2010	N	3	20.01 60.03
					<b>Subtotal</b>	<b>110.06</b>
6		BESHEARS, GARLAND	02/17/2010	BASE	3	33.07 99.21
					<b>Subtotal</b>	<b>99.21</b>
7		WILLIAMS, JOSEPH	02/17/2010	BASE	3	0.00 0.00
					<b>Subtotal</b>	<b>0.00</b>
					<b>Total</b>	<b>480.32</b>

<b>Work Order</b>	240757 (DWO) Repair leak on sludge pump (fitting on bearing coolant line)	<b>Scheduled Start Date</b>	03/03/2010
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P1
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	090534 Williams, Joseph O.	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602825 (DWO) SLUDGE FEED PUMP (09P04)		
<b>Location</b>			
<b>Equipment</b>	M426	<b>Estimated Hours</b>	4
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	115.76
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	116.01
<b>Date Started</b>	03/03/2010	<b>Date Completed</b>	03/08/2010

**Work Order Comments**

*128330 [03/08/2010 08:24]:*

Went to Home Depot purchased lines to replace ones that were frozen, Crew replaced

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1		
2	528.2	1	1		
3	803.2	2	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		BROOKES, ROGER	03/03/2010	BASE	1	20.01	20.01
					<b>Subtotal</b>		<b>20.01</b>
2		TRUJILLO, KEVIN	03/03/2010	BASE	1	25.42	25.42
					<b>Subtotal</b>		<b>25.42</b>
3		BESHEARS, GARLAND	03/03/2010	BASE	2	33.07	66.14
					<b>Subtotal</b>		<b>66.14</b>
					<b>Total</b>		<b>111.57</b>

<b>Work Order</b>	248296 (DWO) NEWPP-BF FEED/PANN (Thickend Sludge Feed Pumps)	<b>Scheduled Start Date</b>	04/05/2011
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	A062 NEWPP-BF FEED/PANN (Thickend Sludge Feed Pumps)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	138730 Stepp, Raymond	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602825 (DWO) SLUDGE FEED PUMP (09P04)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	0.5
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	12.10
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	0.5	1	A062	NEWPP-PM-Thickend Sludge Feed Pumps
<i>121419 [08/26/2008 08:36]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
CHANGE OILS IN UNITS AS PERSCRIBED BY MFG					
GREASE ELECTRIC MOTORS WITH DI-ELECTRIC					

<b>Work Order</b>	249853 (DWO) Rebuild pump	<b>Scheduled Start Date</b>	04/17/2010
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	128330
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602825 (DWO) SLUDGE FEED PUMP (09P04)		
<b>Location</b>			
<b>Equipment</b>	M426	<b>Estimated Hours</b>	38
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	801.78
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	635.24
<b>Date Started</b>	04/17/2010	<b>Date Completed</b>	05/05/2010

**Work Order Comments**

*128330 [04/30/2010 14:50]:*

Dissembled pump found shear pin broken replaced put pump back to gether started pump working and spline on pump shaft striped dissembled pump again replaced shaft put pump back together working ok all parts were from stock.

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	14	1		
2	803.2	14	1		
3	576.4	10	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		BROOKES, ROGER	04/17/2010	BASE	7	20.01	140.07
		BROOKES, ROGER	04/17/2010	BASE	-7	20.01	-140.07
		BROOKES, ROGER	04/17/2010	OTSS	7	30.02	210.14
		BROOKES, ROGER	04/18/2010	BASE	7	20.01	140.07
		BROOKES, ROGER	04/18/2010	BASE	-7	20.01	-140.07
		BROOKES, ROGER	04/18/2010	OTSS	7	30.02	210.14
					<b>Subtotal</b>		<b>420.28</b>
2		BESHEARS, GARLAND	04/17/2010	BASE	6.5	33.07	214.96
							<b>Subtotal</b>
3		WILLIAMS, JOSEPH	04/17/2010	BASE	7	0.00	0.00
		WILLIAMS, JOSEPH	04/18/2010	BASE	4	0.00	0.00
							<b>Subtotal</b>
					<b>Total</b>		<b>635.24</b>

<b>Work Order</b>	249976 (DWO) NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PS ANN	<b>Scheduled Start Date</b>	10/20/2010
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	S057 NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PS ANN	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	138730 Stepp, Raymond	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602825 (DWO) SLUDGE FEED PUMP (09P04)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	S057	NEWPP-PM-Thickened Sludge Feed Pumps
<i>121419 [08/26/2008 08:37]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
CLOSER INSPECTION OF BELTS/REMOVE BELT GUARD, REPLACE AS REQUIRED.					
GREASE ALL APP					

<b>Work Order</b>	249996 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Scheduled Start Date</b>	04/27/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	NA NOT APPLICABLE	<b>Equip Criticality</b>	C3
<b>Reported By</b>	137670 Perry, Marquita	<b>Assigned To</b>	128330
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602825 (DWO) SLUDGE FEED PUMP (09P04)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	3
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	83.91
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	33.07
<b>Date Started</b>	05/05/2010	<b>Date Completed</b>	05/10/2010

**Work Order Comments**

**128330 [05/04/2010 11:16]:**

Not in service at this time.

**128330 [05/06/2010 14:46]:**

The first intry is incorrect this pump was rebuilt and is working at full potential

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
					<b>121419 [08/26/2008 08:37]:</b> - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS) - LOCKOUT/TAGOUT EQUIPMENT - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT- - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS CHECK CONDITION OF BELTS AND TIG
2	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
					<b>121419 [08/26/2008 08:37]:</b> - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS) - LOCKOUT/TAGOUT EQUIPMENT - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT- - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS CHECK CONDITION OF BELTS AND TIG
3	803.2	1	1		

**WO Actual Labor Hours**

<b>Work Order</b>	249996 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFED/PWKLY)	<b>Scheduled Start Date</b>	04/27/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
3		BESHEARS, GARLAND	05/05/2010	BASE	1	33.07	33.07
						<b>Subtotal</b>	<b>33.07</b>
						<b>Total</b>	<b>33.07</b>

<b>Work Order</b>	252332 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Scheduled Start Date</b>	05/10/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602825 (DWO) SLUDGE FEED PUMP (09P04)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	2.5
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	62.94
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	10.01
<b>Date Started</b>	05/19/2010	<b>Date Completed</b>	05/24/2010

**Work Order Comments**

**128330 [05/19/2010 15:31]:**  
 Pump is out of service to be rebuilt

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					
2	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					
3	514.5	0.5	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
3		BROOKES, ROGER	05/19/2010	BASE	0.5	20.01	10.01

<b>Work Order</b>	252332 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFED/PWKLY)	<b>Scheduled Start Date</b>	05/10/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM

<b>Subtotal</b>	<hr/>	<b>10.01</b>
<b>Total</b>	<hr/>	<b>10.01</b>

<b>Work Order</b>	262490 (DWO) rebuild sludge pump to replace 04 pump	<b>Scheduled Start Date</b>	05/18/2010
<b>Status</b>	Completed	<b>WO Type</b>	BRKD
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	133895
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602825 (DWO) SLUDGE FEED PUMP (09P04)		
<b>Location</b>	NEWPP (DWO) (DNE) NEWPS		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	16
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	368.84
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	5,319.96
<b>Date Started</b>	05/18/2010	<b>Date Completed</b>	07/19/2010

**Work Order Comments**

**133895 [05/24/2010 07:34]:**

05/18/10  
 removed used part off of pump  
 133895 2hrs  
 102898 2hrs  
 135758 2hrs

05/19/10  
 put new stator and rotor on  
 133895  
 135758

05/21/10  
 put new oil in rotor/tighten up rest of bolts  
 133895 2hrs  
 135758 2hrs

**090534 [07/09/2010 12:06]:**

New stator has tungsten coating

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.6	8	1		
2	803.2	0	1		
3	576.4	0	1		
4	528.2	4	1		
5	523.2	4	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		BROOKES, ROGER	05/18/2010	BASE	2	20.01	40.02

Work Order	262490 (DWO)	rebuild sludge pump to replace 04 pump			Scheduled Start Date	05/18/2010	
Status	Completed			WO Type	BRKD		
1	BROOKES, ROGER		05/21/2010	BASE	2	20.01	40.02
	Stepp, Raymond		07/15/2010	BASE	15	36.91	553.65
					<b>Subtotal</b>	<b>633.69</b>	
4	TRUJILLO, KEVIN		05/18/2010	BASE	2	25.42	50.84
	TRUJILLO, KEVIN		05/21/2010	BASE	2	25.42	50.84
					<b>Subtotal</b>	<b>101.68</b>	
5	HUTCHINS, WESLEY		05/18/2010	BASE	2	26.77	53.54
					<b>Subtotal</b>	<b>53.54</b>	
					<b>Total</b>	<b>788.91</b>	

<b>Work Order</b>	263039 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Scheduled Start Date</b>	06/01/2010
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	C3
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602825 (DWO) SLUDGE FEED PUMP (09P04)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	0.00
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	GCON	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS CHECK CONDITION OF BELTS AND TIG</p>					

<b>Work Order</b>	522227 (DWO) Repair Sludge Pump 04	<b>Scheduled Start Date</b>	08/15/2011
<b>Status</b>	Awaiting Parts	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P2
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	090534 Williams, Joseph O.	<b>Assigned To</b>	133895
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602825 (DWO) SLUDGE FEED PUMP (09P04)		
<b>Location</b>	165 (DWO) NORTHEAST WATER PURIFICATION PLANT		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	60
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	908.60
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	154.41
<b>Date Started</b>	08/15/2011	<b>Date Completed</b>	

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.6	20	1		
2	528.2	20	1		
3	576.4	20	1		

WO Actual Labor Hours							
Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		KENLEY, ERIC	08/22/2011	BASE	2.5	25.42	63.55
		BROOKES, ROGER	08/15/2011	BASE	2	20.01	40.02
					<b>Subtotal</b>		<b>103.57</b>
2		TRUJILLO, KEVIN	08/15/2011	BASE	2	25.42	50.84
							<b>Subtotal</b>
3		WILLIAMS, JOSEPH	08/15/2011	BASE	2	0.00	0.00
							<b>Subtotal</b>
					<b>Total</b>		<b>154.41</b>

<b>Work Order</b>	527514 (DWO) NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PQTRLY	<b>Scheduled Start Date</b>	09/06/2011
<b>Status</b>	Work in Progress	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	
<b>PM Code</b>	Q043 NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	C3
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602825 (DWO) SLUDGE FEED PUMP (09P04)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q043	NEWPP-PM-Thickened Sludge Feed Pumps
<p><b>121419 [08/26/2008 08:36]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>CLOSER INSPECTION OF BELTS/REMOVE BELT GUARD, REPLACE AS REQUIRED. GREASE ALL APP</p>					

<b>Work Order</b>	527751 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Scheduled Start Date</b>	08/30/2011
<b>Status</b>	Work in Progress	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	C3
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602825 (DWO) SLUDGE FEED PUMP (09P04)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	0.25
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	0.00
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	GCON	0.25	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS CHECK CONDITION OF BELTS AND TIG</p>					

<b>Work Order</b>	87217 (DWO) NEWPP-BF FEED/PANN (Thickend Sludge Feed Pumps)	<b>Scheduled Start Date</b>	02/12/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	A062 NEWPP-BF FEED/PANN (Thickend Sludge Feed Pumps)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	133895
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602825 (DWO) SLUDGE FEED PUMP (09P04)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	2
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	50.30
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	22.62
<b>Date Started</b>	02/27/2009	<b>Date Completed</b>	03/05/2009

**Work Order Comments**

*128330 [03/05/2009 09:30]:*  
 looked over unit listened for noise unit ok

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	A062	NEWPP-PM-Thickend Sludge Feed Pumps
<i>121419 [08/26/2008 08:36]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
CHANGE OILS IN UNITS AS PERSCRIBED BY MFG					
GREASE ELECTRIC MOTORS WITH DI-ELECTRIC					
2	528.2	0.5	1		
3	523.2	0.5	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
2		TRUJILLO, KEVIN	02/27/2009	N	0.5	18.46	9.23
						<b>Subtotal</b>	<b>9.23</b>
3		HUTCHINS, WESLEY	02/27/2009	N	0.5	26.77	13.39
						<b>Subtotal</b>	<b>13.39</b>
						<b>Total</b>	<b>22.62</b>

<b>Work Order</b>	87701 (DWO) NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PQTRLY	<b>Scheduled Start Date</b>	03/19/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q043 NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602825 (DWO) SLUDGE FEED PUMP (09P04)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	6.05
<b>Date Started</b>	03/19/2009	<b>Date Completed</b>	03/31/2009

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q043	NEWPP-PM-Thickened Sludge Feed Pumps
<i>121419 [08/26/2008 08:36]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
CLOSER INSPECTION OF BELTS/REMOVE BELT GUARD, REPLACE AS REQUIRED.					
GREASE ALL APP					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	Q043	BROOKES, ROGER	03/19/2009	BASE	0.25	24.20	6.05
						<b>Subtotal</b>	<b>6.05</b>
						<b>Total</b>	<b>6.05</b>

<b>Work Order</b>	87765 (DWO) NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PS ANN	<b>Scheduled Start Date</b>	04/01/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	S057 NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PS ANN	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	133895
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602825 (DWO) SLUDGE FEED PUMP (09P04)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	1.25
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	30.56
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	4.62
<b>Date Started</b>	04/22/2009	<b>Date Completed</b>	04/24/2009

**Work Order Comments**

*128330 [04/23/2009 09:19]:*  
 LOOKED OVER UNIT LISTEN FOR NOISE CK, OIL LEVEL

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	S057	NEWPP-PM-Thickened Sludge Feed Pumps
					<i>121419 [08/26/2008 08:37]:</i> - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS) - LOCKOUT/TAGOUT EQUIPMENT - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT- - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION CLOSER INSPECTION OF BELTS/REMOVE BELT GUARD, REPLACE AS REQUIRED. GREASE ALL APP
2	528.2	0.25	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
2		TRUJILLO, KEVIN	04/22/2009	N	0.25	18.46	4.62
					<b>Subtotal</b>		<b>4.62</b>
					<b>Total</b>		<b>4.62</b>

<b>Work Order</b>	87819 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEED/PWKLY)	<b>Scheduled Start Date</b>	01/21/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602825 (DWO) SLUDGE FEED PUMP (09P04)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	0.00
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	01/29/2009

<b>Work Order</b>	121135 (DWO) NEWPP-Thickened Sludge Transfer Pumps - BPTRANS/PQTRLY	<b>Scheduled Start Date</b>	05/30/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q046 NEWPP-Thickened Sludge Transfer Pumps - BPTRANS/PQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602831 (DWO) SLUDGE TRANSFER PUMP (09P201)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M346	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	SWABLOC K80-250	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	K80-250-5-M26-719-345/01	<b>Actual Cost</b>	5.00
<b>Date Started</b>	06/29/2009	<b>Date Completed</b>	07/08/2009

**Work Order Comments**

*128330 [07/08/2009 07:16]:*  
Unit operating correctly no leaks

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q046	NEWPP-PM-Thickened Sludge Transfer Pumps
<i>121419 [08/26/2008 08:39]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
ALTERNATE AND RUN EACH PUMP FOR 10 - 15 MINUTES					
- CHECK PUMPS FOR ANY SIGN OF LEA					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	Q046	BROOKES, ROGER	06/29/2009	BASE	0.25	20.01	5.00
						<b>Subtotal</b>	<b>5.00</b>
						<b>Total</b>	<b>5.00</b>

<b>Work Order</b>	122878 (DWO) ELECTRICAL PROBLEM-blown fuses	<b>Scheduled Start Date</b>	04/15/2009
<b>Status</b>	Completed	<b>WO Type</b>	ELEC
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	ELECT ELECTRICAL PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	102898 Hutchins, Wesley E.	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602831 (DWO) SLUDGE TRANSFER PUMP (09P201)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M346	<b>Estimated Hours</b>	4
<b>Manufacturer</b>			
<b>Equipment Model</b>	SWABLOC K80-250	<b>Estimated Cost</b>	104.38
<b>Equipment Serial Number</b>	K80-250-5-M26-719-345/01	<b>Actual Cost</b>	90.46
<b>Date Started</b>	04/15/2009	<b>Date Completed</b>	04/21/2009

**Work Order Comments**

**102898 [04/15/2009 14:45]:**

09-p-201 failed to run after a elect. check found two blown fuses .wesley and kevin -2hrs.

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	523.2	2	1		
2	528.2	2	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		HUTCHINS, WESLEY	04/15/2009	N	2	26.77	53.54
						<b>Subtotal</b>	<b>53.54</b>
2		TRUJILLO, KEVIN	04/15/2009	N	2	18.46	36.92
						<b>Subtotal</b>	<b>36.92</b>
						<b>Total</b>	<b>90.46</b>



<b>Work Order</b>	145509 (DWO) lost b phase 480v and lost two sumps at belt press	<b>Scheduled Start Date</b>	05/07/2009
<b>Status</b>	Completed	<b>WO Type</b>	ELEC
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	ELECT ELECTRICAL PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	102898 Hutchins, Wesley E.	<b>Assigned To</b>	102898
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602831 (DWO) SLUDGE TRANSFER PUMP (09P201)		
<b>Location</b>			
<b>Equipment</b>	M346	<b>Estimated Hours</b>	14
<b>Manufacturer</b>			
<b>Equipment Model</b>	SWABLOC K80-250	<b>Estimated Cost</b>	365.33
<b>Equipment Serial Number</b>	K80-250-5-M26-719-345/01	<b>Actual Cost</b>	489.22
<b>Date Started</b>	05/11/2009	<b>Date Completed</b>	06/04/2009

**Work Order Comments**

*128330 [06/01/2009 12:29]:*  
 Replaced all elcectical wiring for unit

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	523.2	7	1		
2	528.2	7	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		HUTCHINS, WESLEY	05/11/2009	N	2	26.77	53.54
		HUTCHINS, WESLEY	05/12/2009	N	3	26.77	80.31
		HUTCHINS, WESLEY	05/13/2009	N	5	26.77	133.85
					<b>Subtotal</b>		<b>267.70</b>
2		TRUJILLO, KEVIN	05/11/2009	N	2	18.46	36.92
		TRUJILLO, KEVIN	05/12/2009	N	3	18.46	55.38
		TRUJILLO, KEVIN	05/13/2009	N	7	18.46	129.22
					<b>Subtotal</b>		<b>221.52</b>
					<b>Total</b>		<b>489.22</b>

<b>Work Order</b>	150703 (DWO) NEWPP-Thickened Sludge Transfer Pumps - BPTRANS/PQTRLY	<b>Scheduled Start Date</b>	08/28/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q046 NEWPP-Thickened Sludge Transfer Pumps - BPTRANS/PQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602831 (DWO) SLUDGE TRANSFER PUMP (09P201)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M346	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	SWABLOC K80-250	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	K80-250-5-M26-719-345/01	<b>Actual Cost</b>	3.00
<b>Date Started</b>	10/06/2009	<b>Date Completed</b>	10/07/2009

**Work Order Comments**

*128330 [10/06/2009 12:12]:*  
 Completed as instructed unit operating ok

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q046	NEWPP-PM-Thickened Sludge Transfer Pumps
<i>121419 [08/26/2008 08:39]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
ALTERNATE AND RUN EACH PUMP FOR 10 - 15 MINUTES					
- CHECK PUMPS FOR ANY SIGN OF LEA					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	Q046	BROOKES, ROGER	10/06/2009	BASE	0.15	20.01	3.00
						<b>Subtotal</b>	<b>3.00</b>
						<b>Total</b>	<b>3.00</b>

<b>Work Order</b>	181172 (DWO) NEWPP-Thickened Sludge Transfer Pumps - BPTRANS/PQTRLY	<b>Scheduled Start Date</b>	11/26/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q046 NEWPP-Thickened Sludge Transfer Pumps - BPTRANS/PQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	138190 Younts, Lynn	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602831 (DWO) SLUDGE TRANSFER PUMP (09P201)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M346	<b>Estimated Hours</b>	2
<b>Manufacturer</b>			
<b>Equipment Model</b>	SWABLOC K80-250	<b>Estimated Cost</b>	49.62
<b>Equipment Serial Number</b>	K80-250-5-M26-719-345/01	<b>Actual Cost</b>	18.46
<b>Date Started</b>	12/08/2009	<b>Date Completed</b>	12/17/2009

**Work Order Comments**

*135758 [12/09/2009 07:34]:*

12/08/09 - 1hr  
pump works ok

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q046	NEWPP-PM-Thickened Sludge Transfer Pumps
					<i>121419 [08/26/2008 08:39]:</i>
					- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)
					- LOCKOUT/TAGOUT EQUIPMENT
					- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-
					- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION
					ALTERNATE AND RUN EACH PUMP FOR 10 - 15 MINUTES
					- CHECK PUMPS FOR ANY SIGN OF LEA
2	528.2	1	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
2		TRUJILLO, KEVIN	12/08/2009	N	1	18.46	18.46
					<b>Subtotal</b>		<b>18.46</b>
					<b>Total</b>		<b>18.46</b>

<b>Work Order</b>	87710 (DWO) NEWPP-Thickened Sludge Transfer Pumps - BPTRANS/PQTRLY	<b>Scheduled Start Date</b>	03/01/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q046 NEWPP-Thickened Sludge Transfer Pumps - BPTRANS/PQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602831 (DWO) SLUDGE TRANSFER PUMP (09P201)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M346	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	SWABLOC K80-250	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	K80-250-5-M26-719-345/01	<b>Actual Cost</b>	6.05
<b>Date Started</b>	03/19/2009	<b>Date Completed</b>	03/31/2009

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q046	NEWPP-PM-Thickened Sludge Transfer Pumps
					<i>121419 [08/26/2008 08:39]:</i>
					- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)
					- LOCKOUT/TAGOUT EQUIPMENT
					- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-
					- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION
					ALTERNATE AND RUN EACH PUMP FOR 10 - 15 MINUTES
					- CHECK PUMPS FOR ANY SIGN OF LEA

WO Actual Labor Hours							
Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	Q046	BROOKES, ROGER	03/19/2009	BASE	0.25	24.20	6.05
					<b>Subtotal</b>		<b>6.05</b>
					<b>Total</b>		<b>6.05</b>

<b>Work Order</b>	121136 (DWO) NEWPP-Thickened Sludge Transfer Pumps - BPTRANS/PQTRLY	<b>Scheduled Start Date</b>	05/30/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q046 NEWPP-Thickened Sludge Transfer Pumps - BPTRANS/PQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602834 (DWO) SLUDGE TRANSFER PUMP (09P202)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M346	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	SWABLOC K80-250	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	K80-250-5-M26-719-345/02	<b>Actual Cost</b>	5.00
<b>Date Started</b>	06/29/2009	<b>Date Completed</b>	07/08/2009

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q046	NEWPP-PM-Thickened Sludge Transfer Pumps
<i>121419 [08/26/2008 08:39]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
ALTERNATE AND RUN EACH PUMP FOR 10 - 15 MINUTES					
- CHECK PUMPS FOR ANY SIGN OF LEA					

WO Actual Labor Hours							
Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	Q046	BROOKES, ROGER	06/29/2009	BASE	0.25	20.01	5.00
						<b>Subtotal</b>	<b>5.00</b>
						<b>Total</b>	<b>5.00</b>

<b>Work Order</b>	150704 (DWO) NEWPP-Thickened Sludge Transfer Pumps - BPTRANS/PQTRLY	<b>Scheduled Start Date</b>	08/28/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q046 NEWPP-Thickened Sludge Transfer Pumps - BPTRANS/PQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602834 (DWO) SLUDGE TRANSFER PUMP (09P202)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M346	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	SWABLOC K80-250	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	K80-250-5-M26-719-345/02	<b>Actual Cost</b>	5.00
<b>Date Started</b>	10/06/2009	<b>Date Completed</b>	10/07/2009

**Work Order Comments**

*128330 [10/06/2009 12:03]:*  
 Completed as instructed unit operating ok

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q046	NEWPP-PM-Thickened Sludge Transfer Pumps
<i>121419 [08/26/2008 08:39]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
ALTERNATE AND RUN EACH PUMP FOR 10 - 15 MINUTES					
- CHECK PUMPS FOR ANY SIGN OF LEA					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	Q046	BROOKES, ROGER	10/06/2009	BASE	0.25	20.01	5.00
						<b>Subtotal</b>	<b>5.00</b>
						<b>Total</b>	<b>5.00</b>

<b>Work Order</b>	181173 (DWO) NEWPP-Thickened Sludge Transfer Pumps - BPTRANS/PQTRLY	<b>Scheduled Start Date</b>	11/26/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q046 NEWPP-Thickened Sludge Transfer Pumps - BPTRANS/PQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	138190 Younts, Lynn	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602834 (DWO) SLUDGE TRANSFER PUMP (09P202)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M346	<b>Estimated Hours</b>	2
<b>Manufacturer</b>			
<b>Equipment Model</b>	SWABLOC K80-250	<b>Estimated Cost</b>	49.62
<b>Equipment Serial Number</b>	K80-250-5-M26-719-345/02	<b>Actual Cost</b>	18.46
<b>Date Started</b>	12/08/2009	<b>Date Completed</b>	12/17/2009

**Work Order Comments**

*135758 [12/09/2009 07:30]:*

12-08-09 - 1hr  
normal

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q046	NEWPP-PM-Thickened Sludge Transfer Pumps
					<i>121419 [08/26/2008 08:39]:</i>
					- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)
					- LOCKOUT/TAGOUT EQUIPMENT
					- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-
					- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION
					ALTERNATE AND RUN EACH PUMP FOR 10 - 15 MINUTES
					- CHECK PUMPS FOR ANY SIGN OF LEA
2	528.2	1	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
2		TRUJILLO, KEVIN	12/08/2009	N	1	18.46	18.46
					<b>Subtotal</b>		<b>18.46</b>
					<b>Total</b>		<b>18.46</b>

<b>Work Order</b>	87711 (DWO) NEWPP-Thickened Sludge Transfer Pumps - BPTRANS/PQTRLY	<b>Scheduled Start Date</b>	03/01/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q046 NEWPP-Thickened Sludge Transfer Pumps - BPTRANS/PQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602834 (DWO) SLUDGE TRANSFER PUMP (09P202)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M346	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	SWABLOC K80-250	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	K80-250-5-M26-719-345/02	<b>Actual Cost</b>	6.05
<b>Date Started</b>	03/19/2009	<b>Date Completed</b>	03/31/2009

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q046	NEWPP-PM-Thickened Sludge Transfer Pumps
					<b>121419 [08/26/2008 08:39]:</b>
					- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)
					- LOCKOUT/TAGOUT EQUIPMENT
					- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-
					- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION
					ALTERNATE AND RUN EACH PUMP FOR 10 - 15 MINUTES
					- CHECK PUMPS FOR ANY SIGN OF LEA

WO Actual Labor Hours							
Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	Q046	BROOKES, ROGER	03/19/2009	BASE	0.25	24.20	6.05
					<b>Subtotal</b>		<b>6.05</b>
					<b>Total</b>		<b>6.05</b>

<b>Work Order</b>	108534 (DWO) Will not start without help	<b>Scheduled Start Date</b>	12/08/2008
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P2
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	131465 Odonnell, Christopher M	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602830 (DWO) SLUDGE FEED PUMP (09P203)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	4
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	104.38
<b>Equipment Serial Number</b>	B51362	<b>Actual Cost</b>	127.38
<b>Date Started</b>	12/12/2008	<b>Date Completed</b>	12/22/2008

**Work Order Comments**

**131465 [12/08/2008 05:31]:**

One person is needed to start the pump remotely and a second person is needed to help start the pump locally.

**128330 [12/17/2008 14:02]:**

worked on sludge pump to get the pump started

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	523.2	2	1		
2	528.2	2	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		HUTCHINS, WESLEY	12/12/2008	N	2	26.77	53.54
					<b>Subtotal</b>		<b>53.54</b>
2		TRUJILLO, KEVIN	12/12/2008	N	2	18.46	36.92
		KENLEY, ERIC	12/13/2008	N	2	18.46	36.92
					<b>Subtotal</b>		<b>73.84</b>
					<b>Total</b>		<b>127.38</b>

<b>Work Order</b>	117785 (DWO) NEWPP-BF FEED/PANN (Thickend Sludge Feed Pumps)	<b>Scheduled Start Date</b>	02/12/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	A062 NEWPP-BF FEED/PANN (Thickend Sludge Feed Pumps)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602830 (DWO) SLUDGE FEED PUMP (09P203)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	B51362	<b>Actual Cost</b>	20.01
<b>Date Started</b>	02/18/2010	<b>Date Completed</b>	04/05/2010

**Work Order Comments**

*128330 [04/02/2010 14:20]:*  
working ok

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	A062	NEWPP-PM-Thickend Sludge Feed Pumps
<i>121419 [08/26/2008 08:36]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
CHANGE OILS IN UNITS AS PERSCRIBED BY MFG					
GREASE ELECTRIC MOTORS WITH DI-ELECTRIC					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	A062	BROOKES, ROGER	02/18/2010	BASE	1	20.01	20.01
						<b>Subtotal</b>	<b>20.01</b>
						<b>Total</b>	<b>20.01</b>

<b>Work Order</b>	124320 (DWO) NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PS ANN	<b>Scheduled Start Date</b>	09/28/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	S057 NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PS ANN	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602830 (DWO) SLUDGE FEED PUMP (09P203)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	B51362	<b>Actual Cost</b>	20.01
<b>Date Started</b>	11/12/2009	<b>Date Completed</b>	11/16/2009

**Work Order Comments**

*128330 [11/13/2009 11:18]:*  
working ok

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	S057	NEWPP-PM-Thickened Sludge Feed Pumps
<i>121419 [08/26/2008 08:37]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
CLOSER INSPECTION OF BELTS/REMOVE BELT GUARD, REPLACE AS REQUIRED.					
GREASE ALL APP					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	S057	BROOKES, ROGER	11/12/2009	BASE	1	20.01	20.01
						<b>Subtotal</b>	<b>20.01</b>
						<b>Total</b>	<b>20.01</b>

<b>Work Order</b>	145902 (DWO) No remote control of pump speed	<b>Scheduled Start Date</b>	05/14/2009
<b>Status</b>	Completed	<b>WO Type</b>	ELEC
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P2
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	ELECT ELECTRICAL PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	133897 Kenley, Eric Scott	<b>Assigned To</b>	133897
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602830 (DWO) SLUDGE FEED PUMP (09P203)		
<b>Location</b>			
<b>Equipment</b>	M426	<b>Estimated Hours</b>	3
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	76.26
<b>Equipment Serial Number</b>	B51362	<b>Actual Cost</b>	76.26
<b>Date Started</b>	05/14/2009	<b>Date Completed</b>	06/17/2009

**Work Order Comments**

**133897 [05/14/2009 15:53]:**  
 Discovered remote speed control loop disabled, enable local control workorder to remain open  
 133897-3.0hrs-5/14/09

**128330 [06/11/2009 13:08]:**  
 Everything working ok

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	3	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		KENLEY, ERIC	05/14/2009	BASE	3	25.42	76.26
						<b>Subtotal</b>	<b>76.26</b>
						<b>Total</b>	<b>76.26</b>

<b>Work Order</b>	177205 (DWO) Tear down pump inspect and replace parts as needed	<b>Scheduled Start Date</b>	09/16/2009
<b>Status</b>	Completed	<b>WO Type</b>	PVM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	133895
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602830 (DWO) SLUDGE FEED PUMP (09P203)		
<b>Location</b>			
<b>Equipment</b>	M426	<b>Estimated Hours</b>	23
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	618.01
<b>Equipment Serial Number</b>	B51362	<b>Actual Cost</b>	910.18
<b>Date Started</b>	09/23/2009	<b>Date Completed</b>	12/09/2009

**Work Order Comments**

**128330 [09/25/2009 09:24]:**

Pump was dissembled and found to need a stator and a rotor, Parts were taken from stock need to reorder parts, will enter cost when I receive quote.

**090534 [10/12/2009 14:57]:**

Joe Williams picked up flex lift from EWPP and deliced to NEWPP. Garland assisted Joe W. with pulling motor from pit. Joe W. 3hrs. Garland 1hr. on 10/12/09

**128330 [10/28/2009 14:08]:**

After repairing pump motor was found to be bad. New motor was ordered and received on 10/23/09, Picked picked up at St, Emanuel

**090534 [11/17/2009 11:05]:**

On 11/2/09 Joe Williams picked up flex lift from Ardmore to lowe new motor in sludge pit. Garland assisted. When task completed Joe Williams took flex lift back to Ardmore location.

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	3	1		
2	514.5	7	1		
3	523.2	2	1		
4	801.2	2	1		
5	576.4	3	1		
6	801.2	3	1		
7	803.2	3	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		TRUJILLO, KEVIN	09/23/2009	N	7	18.46	129.22
		TRUJILLO, KEVIN	09/24/2009	N	7	18.46	129.22

Work Order	177205 (DWO)	Tear down pump inspect and replace parts as needed			Scheduled Start Date	09/16/2009	
Status	Completed			WO Type	PVM		
1	TRUJILLO, KEVIN	09/25/2009	N	2	18.46	36.92	
	KENLEY, ERIC	09/23/2009	N	2	18.46	36.92	
	KENLEY, ERIC	10/08/2009	N	3	18.46	55.38	
				<b>Subtotal</b>	<b>387.66</b>		
2	BROOKES, ROGER	09/23/2009	N	7	20.01	140.07	
	BROOKES, ROGER	09/24/2009	N	7	20.01	140.07	
	BROOKES, ROGER	09/25/2009	N	2	20.01	40.02	
				<b>Subtotal</b>	<b>320.16</b>		
3	HUTCHINS, WESLEY	09/23/2009	N	2	26.77	53.54	
				<b>Subtotal</b>	<b>53.54</b>		
5	WILLIAMS, JOSEPH	11/02/2009	N	3.5	0.00	0.00	
				<b>Subtotal</b>	<b>0.00</b>		
7	BESHEARS, GARLAND	10/23/2009	N	3	33.07	99.21	
	BESHEARS, GARLAND	11/02/2009	N	1.5	33.07	49.61	
				<b>Subtotal</b>	<b>148.82</b>		
				<b>Total</b>	<b>910.18</b>		

<b>Work Order</b>	178284 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Scheduled Start Date</b>	09/24/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602830 (DWO) SLUDGE FEED PUMP (09P203)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	2.25
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	56.89
<b>Equipment Serial Number</b>	B51362	<b>Actual Cost</b>	5.00
<b>Date Started</b>	10/06/2009	<b>Date Completed</b>	10/07/2009

**Work Order Comments**

**128330 [10/06/2009 11:16]:**  
Unit being worked on

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					
2	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					
3	514.5	0.25	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
3		BROOKES, ROGER	10/06/2009	N	0.25	20.01	5.00

<b>Work Order</b>	178284 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFED/PWKLY)	<b>Scheduled Start Date</b>	09/24/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM

<b>Subtotal</b>	<hr/>	<b>5.00</b>
<b>Total</b>	<hr/>	<b>5.00</b>

<b>Work Order</b>	178312 (DWO) NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PQTRLY	<b>Scheduled Start Date</b>	12/17/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q043 NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	090534
<b>Standard WO</b>			
<b>Equipment</b>	602830 (DWO) SLUDGE FEED PUMP (09P203)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	B51362	<b>Actual Cost</b>	20.01
<b>Date Started</b>	12/17/2009	<b>Date Completed</b>	12/23/2009

**Work Order Comments**

*135758 [12/17/2009 14:12]:*  
 12/17/09  
 pump running ok

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q043	NEWPP-PM-Thickened Sludge Feed Pumps
<i>121419 [08/26/2008 08:36]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
CLOSER INSPECTION OF BELTS/REMOVE BELT GUARD, REPLACE AS REQUIRED.					
GREASE ALL APP					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	Q043	BROOKES, ROGER	12/17/2009	N	1	20.01	20.01
						<b>Subtotal</b>	<b>20.01</b>
						<b>Total</b>	<b>20.01</b>

<b>Work Order</b>	181169 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Scheduled Start Date</b>	10/08/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	133897
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602830 (DWO) SLUDGE FEED PUMP (09P203)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	2
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	50.84
<b>Equipment Serial Number</b>	B51362	<b>Actual Cost</b>	25.42
<b>Date Started</b>	10/08/2009	<b>Date Completed</b>	10/26/2009

**Work Order Comments**

*128330 [10/23/2009 10:05]:*  
Complete

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><i>121419 [08/26/2008 08:37]:</i>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					
2	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><i>121419 [08/26/2008 08:37]:</i>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	W055	KENLEY, ERIC	10/08/2009	N	1	25.42	25.42
						<b>Subtotal</b>	<b>25.42</b>

<b>Work Order</b>	181169 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFED/PWKLY)	<b>Scheduled Start Date</b>	10/08/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM

**Total** 25.42

<b>Work Order</b>	221434 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Scheduled Start Date</b>	10/29/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	138190
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602830 (DWO) SLUDGE FEED PUMP (09P203)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	3
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	82.14
<b>Equipment Serial Number</b>	B51362	<b>Actual Cost</b>	31.30
<b>Date Started</b>	11/12/2009	<b>Date Completed</b>	11/30/2009

**Work Order Comments**

**138190 [11/12/2009 14:50]:**  
 Job Completed. Motor/Pump Condition is Good. - LDY

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					
2	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					
3	441.2	1	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
3		YOUNTS, LYNN	11/12/2009	N	1	31.30	31.30

<b>Work Order</b>	221434 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFED/PWKLY)	<b>Scheduled Start Date</b>	10/29/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM

<b>Subtotal</b>	<hr/>	<b>31.30</b>
<b>Total</b>	<hr/>	<b>31.30</b>

<b>Work Order</b>	224004 (DWO) Drive is out on feed pump 203 belt press	<b>Scheduled Start Date</b>	11/13/2009
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P2
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	ELECT ELECTRICAL PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	137967 Pamela Thomas	<b>Assigned To</b>	102898
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602830 (DWO) SLUDGE FEED PUMP (09P203)		
<b>Location</b>		<b>Estimated Hours</b>	4
<b>Equipment</b>	M426		
<b>Manufacturer</b>		<b>Estimated Cost</b>	97.42
<b>Equipment Model</b>	NM076S	<b>Actual Cost</b>	53.54
<b>Equipment Serial Number</b>	B51362		
<b>Date Started</b>	11/13/2009	<b>Date Completed</b>	12/03/2009

**Work Order Comments**

*128330 [12/01/2009 07:37]:*  
 Replaced fuses put back into service

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	526.2	2	1		
2	523.2	2	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
2		HUTCHINS, WESLEY	11/13/2009	BASE	2	26.77	53.54
						<b>Subtotal</b>	<b>53.54</b>
						<b>Total</b>	<b>53.54</b>

<b>Work Order</b>	224150 (DWO) NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PS ANN	<b>Scheduled Start Date</b>	03/27/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	S057 NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PS ANN	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	090534 Williams, Joseph O.	<b>Assigned To</b>	133897
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602830 (DWO) SLUDGE FEED PUMP (09P203)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	B51362	<b>Actual Cost</b>	20.01
<b>Date Started</b>	03/29/2010	<b>Date Completed</b>	04/20/2010

**Work Order Comments**

*133897 [03/29/2010 10:57]:*  
Working OK

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	S057	NEWPP-PM-Thickened Sludge Feed Pumps
<i>121419 [08/26/2008 08:37]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
CLOSER INSPECTION OF BELTS/REMOVE BELT GUARD, REPLACE AS REQUIRED.					
GREASE ALL APP					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	S057	BROOKES, ROGER	03/29/2010	N	1	20.01	20.01
						<b>Subtotal</b>	<b>20.01</b>
						<b>Total</b>	<b>20.01</b>

<b>Work Order</b>	225196 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Scheduled Start Date</b>	12/07/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	090534 Williams, Joseph O.	<b>Assigned To</b>	133895
<b>Project</b>		<b>Assigned By</b>	090534
<b>Standard WO</b>			
<b>Equipment</b>	602830 (DWO) SLUDGE FEED PUMP (09P203)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	2
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	50.84
<b>Equipment Serial Number</b>	B51362	<b>Actual Cost</b>	18.46
<b>Date Started</b>	12/07/2009	<b>Date Completed</b>	12/23/2009

**Work Order Comments**

*133897 [12/07/2009 14:02]:*  
Working OK

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><i>121419 [08/26/2008 08:37]:</i>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					
2	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><i>121419 [08/26/2008 08:37]:</i>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	W055	TRUJILLO, KEVIN	12/07/2009	N	1	18.46	18.46
						<b>Subtotal</b>	<b>18.46</b>

<b>Work Order</b>	225196 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFED/PWKLY)	<b>Scheduled Start Date</b>	12/07/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM

**Total** 18.46

<b>Work Order</b>	248297 (DWO) NEWPP-BF FEED/PANN (Thickend Sludge Feed Pumps)	<b>Scheduled Start Date</b>	04/05/2011
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	A062 NEWPP-BF FEED/PANN (Thickend Sludge Feed Pumps)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	138730 Stepp, Raymond	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602830 (DWO) SLUDGE FEED PUMP (09P203)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	0.5
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	12.10
<b>Equipment Serial Number</b>	B51362	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	0.5	1	A062	NEWPP-PM-Thickend Sludge Feed Pumps
<b>121419 [08/26/2008 08:36]:</b>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
CHANGE OILS IN UNITS AS PERSCRIBED BY MFG					
GREASE ELECTRIC MOTORS WITH DI-ELECTRIC					

<b>Work Order</b>	249977 (DWO) NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PS ANN	<b>Scheduled Start Date</b>	10/20/2010
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	S057 NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PS ANN	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	138730 Stepp, Raymond	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602830 (DWO) SLUDGE FEED PUMP (09P203)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	B51362	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	S057	NEWPP-PM-Thickened Sludge Feed Pumps
					<b>121419 [08/26/2008 08:37]:</b>
					- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)
					- LOCKOUT/TAGOUT EQUIPMENT
					- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-
					- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION
					CLOSER INSPECTION OF BELTS/REMOVE BELT GUARD, REPLACE AS REQUIRED.
					GREASE ALL APP

<b>Work Order</b>	249995 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEED/PWKLY)	<b>Scheduled Start Date</b>	04/27/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	NA NOT APPLICABLE	<b>Equip Criticality</b>	C3
<b>Reported By</b>	137670 Perry, Marquita	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602830 (DWO) SLUDGE FEED PUMP (09P203)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	2.5
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	64.23
<b>Equipment Serial Number</b>	B51362	<b>Actual Cost</b>	22.62
<b>Date Started</b>	04/28/2010	<b>Date Completed</b>	05/05/2010

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS CHECK CONDITION OF BELTS AND TIG</p>					
2	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS CHECK CONDITION OF BELTS AND TIG</p>					
3	523.2	0.5	1		

WO Actual Labor Hours							
Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	W055	TRUJILLO, KEVIN	04/28/2010	N	0.5	18.46	9.23
						<b>Subtotal</b>	<b>9.23</b>
3		HUTCHINS, WESLEY	04/28/2010	N	0.5	26.77	13.39

<b>Work Order</b>	249995 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFED/PWKLY)	<b>Scheduled Start Date</b>	04/27/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM

<b>Subtotal</b>	<hr/>	<b>13.39</b>
<b>Total</b>	<hr/>	<b>22.62</b>

<b>Work Order</b>	252029 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEED/PWKLY)	<b>Scheduled Start Date</b>	05/13/2010
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	C3
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602830 (DWO) SLUDGE FEED PUMP (09P203)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	2
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	50.84
<b>Equipment Serial Number</b>	B51362	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS CHECK CONDITION OF BELTS AND TIG</p>					
2	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS CHECK CONDITION OF BELTS AND TIG</p>					

<b>Work Order</b>	527516 (DWO) NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PQTRLY	<b>Scheduled Start Date</b>	09/06/2011
<b>Status</b>	Work in Progress	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	
<b>PM Code</b>	Q043 NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	C3
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602830 (DWO) SLUDGE FEED PUMP (09P203)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	B51362	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q043	NEWPP-PM-Thickened Sludge Feed Pumps
					<b>121419 [08/26/2008 08:36]:</b>
					- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)
					- LOCKOUT/TAGOUT EQUIPMENT
					- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-
					- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION
					CLOSER INSPECTION OF BELTS/REMOVE BELT GUARD, REPLACE AS REQUIRED.
					GREASE ALL APP

<b>Work Order</b>	527742 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Scheduled Start Date</b>	09/01/2011
<b>Status</b>	Work in Progress	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	C3
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602830 (DWO) SLUDGE FEED PUMP (09P203)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	0.25
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	0.00
<b>Equipment Serial Number</b>	B51362	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	GCON	0.25	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS CHECK CONDITION OF BELTS AND TIG</p>					

<b>Work Order</b>	87218 (DWO) NEWPP-BF FEED/PANN (Thickend Sludge Feed Pumps)	<b>Scheduled Start Date</b>	02/12/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	A062 NEWPP-BF FEED/PANN (Thickend Sludge Feed Pumps)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	133897
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602830 (DWO) SLUDGE FEED PUMP (09P203)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	2
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	50.30
<b>Equipment Serial Number</b>	B51362	<b>Actual Cost</b>	22.62
<b>Date Started</b>	02/26/2009	<b>Date Completed</b>	03/05/2009

**Work Order Comments**

*128330 [03/05/2009 08:28]:*  
 Looked over unit Listened for noise.

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	A062	NEWPP-PM-Thickend Sludge Feed Pumps
					<i>121419 [08/26/2008 08:36]:</i>
					- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)
					- LOCKOUT/TAGOUT EQUIPMENT
					- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-
					- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION
					CHANGE OILS IN UNITS AS PERSCRIBED BY MFG
					GREASE ELECTRIC MOTORS WITH DI-ELECTRIC
2	528.2	0.5	1		
3	523.2	0.5	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
2		TRUJILLO, KEVIN	02/26/2009	N	0.5	18.46	9.23
					<b>Subtotal</b>		<b>9.23</b>
3		HUTCHINS, WESLEY	02/26/2009	N	0.5	26.77	13.39
					<b>Subtotal</b>		<b>13.39</b>
					<b>Total</b>		<b>22.62</b>

<b>Work Order</b>	87699 (DWO) NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PQTRLY	<b>Scheduled Start Date</b>	03/19/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q043 NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602830 (DWO) SLUDGE FEED PUMP (09P203)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	B51362	<b>Actual Cost</b>	6.05
<b>Date Started</b>	03/19/2009	<b>Date Completed</b>	03/31/2009

**Work Order Comments**

*128330 [03/30/2009 10:48]:*  
completed as instructed

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q043	NEWPP-PM-Thickened Sludge Feed Pumps
<i>121419 [08/26/2008 08:36]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
CLOSER INSPECTION OF BELTS/REMOVE BELT GUARD, REPLACE AS REQUIRED.					
GREASE ALL APP					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	Q043	BROOKES, ROGER	03/19/2009	BASE	0.25	24.20	6.05
						<b>Subtotal</b>	<b>6.05</b>
						<b>Total</b>	<b>6.05</b>

<b>Work Order</b>	87766 (DWO) NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PS ANN	<b>Scheduled Start Date</b>	04/01/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	S057 NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PS ANN	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	133895
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602830 (DWO) SLUDGE FEED PUMP (09P203)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	1.25
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	30.56
<b>Equipment Serial Number</b>	B51362	<b>Actual Cost</b>	4.62
<b>Date Started</b>	04/22/2009	<b>Date Completed</b>	04/24/2009

**Work Order Comments**

*128330 [04/23/2009 09:29]:*  
 LISTEN FOR NOISE CK, OVER UNIT PUMP RUNNING CANNOT CK BELTS.

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	S057	NEWPP-PM-Thickened Sludge Feed Pumps
					<i>121419 [08/26/2008 08:37]:</i> - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS) - LOCKOUT/TAGOUT EQUIPMENT - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT- - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION CLOSER INSPECTION OF BELTS/REMOVE BELT GUARD, REPLACE AS REQUIRED. GREASE ALL APP
2	528.2	0.25	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
2		TRUJILLO, KEVIN	04/22/2009	N	0.25	18.46	4.62
					<b>Subtotal</b>		<b>4.62</b>
					<b>Total</b>		<b>4.62</b>

<b>Work Order</b>	87820 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Scheduled Start Date</b>	01/21/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602830 (DWO) SLUDGE FEED PUMP (09P203)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	0.00
<b>Equipment Serial Number</b>	B51362	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	01/29/2009

<b>Work Order</b>	108535 (DWO) MAINTENANCE PROBLEM	<b>Scheduled Start Date</b>	12/08/2008
<b>Status</b>	Completed	<b>WO Type</b>	BRKD
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P2
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	131465 Odonnell, Christopher M	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602835 (DWO) SLUDGE FEED PUMP (09P204)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	4
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	104.38
<b>Equipment Serial Number</b>	B51361	<b>Actual Cost</b>	127.38
<b>Date Started</b>	12/12/2008	<b>Date Completed</b>	12/22/2008

**Work Order Comments**

**131465 [12/08/2008 05:35]:**

Sludge feed pump #204 will not start remotely without one person starting it remotely and a second person helping it start locally.

**128330 [12/17/2008 13:49]:**

Reset drive and took wrench put back into service

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	523.2	2	1		
2	528.2	2	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		HUTCHINS, WESLEY	12/12/2008	N	2	26.77	53.54
					<b>Subtotal</b>		<b>53.54</b>
2		TRUJILLO, KEVIN	12/12/2008	N	2	18.46	36.92
		KENLEY, ERIC	12/12/2008	N	2	18.46	36.92
					<b>Subtotal</b>		<b>73.84</b>
					<b>Total</b>		<b>127.38</b>

<b>Work Order</b>	113875 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEED/PWKLY)	<b>Scheduled Start Date</b>	02/04/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	133895
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602835 (DWO) SLUDGE FEED PUMP (09P204)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	2.5
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	64.23
<b>Equipment Serial Number</b>	B51361	<b>Actual Cost</b>	22.62
<b>Date Started</b>	02/25/2009	<b>Date Completed</b>	02/27/2009

**Work Order Comments**

*128330 [02/27/2009 07:38]:*  
LOOKED OVER PUMP LISTENED TO MOTOR

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><i>121419 [08/26/2008 08:37]:</i>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					
2	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><i>121419 [08/26/2008 08:37]:</i>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					
3	523.2	0.5	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	W055	TRUJILLO, KEVIN	02/25/2009	N	0.5	18.46	9.23

<b>Work Order</b>	113875 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFED/PWKLY)	<b>Scheduled Start Date</b>	02/04/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM

				<b>Subtotal</b>		<b>9.23</b>
3	HUTCHINS, WESLEY	02/25/2009	N	0.5	26.77	13.39
				<b>Subtotal</b>		<b>13.39</b>
				<b>Total</b>		<b>22.62</b>

<b>Work Order</b>	117236 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Scheduled Start Date</b>	03/04/2009
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality Assigned To</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned By</b>	
<b>Project</b>			
<b>Standard WO</b>			
<b>Equipment</b>	602835 (DWO) SLUDGE FEED PUMP (09P204)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	2
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	50.84
<b>Equipment Serial Number</b>	B51361	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	03/16/2009

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS CHECK CONDITION OF BELTS AND TIG</p>					
2	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS CHECK CONDITION OF BELTS AND TIG</p>					

<b>Work Order</b>	117786 (DWO) NEWPP-BF FEED/PANN (Thickend Sludge Feed Pumps)	<b>Scheduled Start Date</b>	02/12/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	A062 NEWPP-BF FEED/PANN (Thickend Sludge Feed Pumps)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602835 (DWO) SLUDGE FEED PUMP (09P204)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	B51361	<b>Actual Cost</b>	10.01
<b>Date Started</b>	03/17/2010	<b>Date Completed</b>	07/28/2010

**Work Order Comments**

*128330 [04/22/2010 09:54]:*  
 Pump drive not working.

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	A062	NEWPP-PM-Thickend Sludge Feed Pumps
<i>121419 [08/26/2008 08:36]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
CHANGE OILS IN UNITS AS PERSCRIBED BY MFG					
GREASE ELECTRIC MOTORS WITH DI-ELECTRIC					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	A062	BROOKES, ROGER	03/17/2010	BASE	0.5	20.01	10.01
						<b>Subtotal</b>	<b>10.01</b>
						<b>Total</b>	<b>10.01</b>

<b>Work Order</b>	118881 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEED/PWKLY)	<b>Scheduled Start Date</b>	03/18/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality Assigned To</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned By</b>	
<b>Project</b>			
<b>Standard WO</b>			
<b>Equipment</b>	602835 (DWO) SLUDGE FEED PUMP (09P204)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	2.25
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	56.89
<b>Equipment Serial Number</b>	B51361	<b>Actual Cost</b>	4.84
<b>Date Started</b>	03/18/2009	<b>Date Completed</b>	03/31/2009

**Work Order Comments**

*128330 [03/27/2009 15:00]:*  
COMPLETED AS INSTRUCTED

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><i>121419 [08/26/2008 08:37]:</i>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					
2	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><i>121419 [08/26/2008 08:37]:</i>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					
3	514.5	0.25	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
3		BROOKES, ROGER	03/18/2009	N	0.2	24.20	4.84

<b>Work Order</b>	118881 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFED/PWKLY)	<b>Scheduled Start Date</b>	03/18/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM

<b>Subtotal</b>	<hr/>	<b>4.84</b>
<b>Total</b>	<hr/>	<b>4.84</b>

<b>Work Order</b>	121148 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Scheduled Start Date</b>	04/01/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	133895
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602835 (DWO) SLUDGE FEED PUMP (09P204)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	2.5
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	64.23
<b>Equipment Serial Number</b>	B51361	<b>Actual Cost</b>	22.62
<b>Date Started</b>	04/15/2009	<b>Date Completed</b>	04/16/2009

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS CHECK CONDITION OF BELTS AND TIG</p>					
2	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS CHECK CONDITION OF BELTS AND TIG</p>					
3	523.2	0.5	1		

WO Actual Labor Hours							
Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
2	W055	TRUJILLO, KEVIN	04/15/2009	N	0.5	18.46	9.23
					<b>Subtotal</b>		<b>9.23</b>
3		HUTCHINS, WESLEY	04/15/2009	N	0.5	26.77	13.39

<b>Work Order</b>	121148 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFED/PWKLY)	<b>Scheduled Start Date</b>	04/01/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM

<b>Subtotal</b>	<hr/>	<b>13.39</b>
<b>Total</b>	<hr/>	<b>22.62</b>

<b>Work Order</b>	123057 (DWO) NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PS ANN	<b>Scheduled Start Date</b>	09/28/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	S057 NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PS ANN	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602835 (DWO) SLUDGE FEED PUMP (09P204)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	B51361	<b>Actual Cost</b>	20.01
<b>Date Started</b>	11/12/2009	<b>Date Completed</b>	11/16/2009

**Work Order Comments**

128330 [11/13/2009 11:27]:  
completed

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	S057	NEWPP-PM-Thickened Sludge Feed Pumps
<p><b>121419 [08/26/2008 08:37]:</b>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      CLOSER INSPECTION OF BELTS/REMOVE BELT GUARD, REPLACE AS REQUIRED.                      GREASE ALL APP</p>					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	S057	BROOKES, ROGER	11/12/2009	BASE	1	20.01	20.01
						<b>Subtotal</b>	<b>20.01</b>
						<b>Total</b>	<b>20.01</b>

<b>Work Order</b>	178285 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Scheduled Start Date</b>	09/24/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602835 (DWO) SLUDGE FEED PUMP (09P204)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	3
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	75.04
<b>Equipment Serial Number</b>	B51361	<b>Actual Cost</b>	5.00
<b>Date Started</b>	09/28/2009	<b>Date Completed</b>	10/07/2009

**Work Order Comments**

*128330 [10/06/2009 10:50]:*  
Belts ok unit operating ok

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><i>121419 [08/26/2008 08:37]:</i>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					
2	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><i>121419 [08/26/2008 08:37]:</i>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					
3	514.5	1	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
3		BROOKES, ROGER	09/28/2009	N	0.25	20.01	5.00

<b>Work Order</b>	178285 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFED/PWKLY)	<b>Scheduled Start Date</b>	09/24/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM

<b>Subtotal</b>	<hr/>	<b>5.00</b>
<b>Total</b>	<hr/>	<b>5.00</b>

<b>Work Order</b>	178313 (DWO) NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PQTRLY	<b>Scheduled Start Date</b>	12/28/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q043 NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602835 (DWO) SLUDGE FEED PUMP (09P204)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	B51361	<b>Actual Cost</b>	10.01
<b>Date Started</b>	12/17/2009	<b>Date Completed</b>	03/23/2010

**Work Order Comments**

*135758 [12/17/2009 14:27]:*  
12/17/09

pump vfd drive is out of service ; will complete pm when parts arrived

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q043	NEWPP-PM-Thickened Sludge Feed Pumps
<i>121419 [08/26/2008 08:36]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
CLOSER INSPECTION OF BELTS/REMOVE BELT GUARD, REPLACE AS REQUIRED.					
GREASE ALL APP					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	Q043	BROOKES, ROGER	12/17/2009	N	0.5	20.01	10.01
						<b>Subtotal</b>	<b>10.01</b>
						<b>Total</b>	<b>10.01</b>

<b>Work Order</b>	181171 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Scheduled Start Date</b>	10/08/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	133897
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602835 (DWO) SLUDGE FEED PUMP (09P204)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	2
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	50.84
<b>Equipment Serial Number</b>	B51361	<b>Actual Cost</b>	18.46
<b>Date Started</b>	10/20/2009	<b>Date Completed</b>	10/26/2009

**Work Order Comments**

*133897 [10/20/2009 08:11]:*  
Completed inspection-OK

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><i>121419 [08/26/2008 08:37]:</i>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					
2	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><i>121419 [08/26/2008 08:37]:</i>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	W055	KENLEY, ERIC	10/20/2009	N	1	18.46	18.46
						<b>Subtotal</b>	<b>18.46</b>

<b>Work Order</b>	181171 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFED/PWKLY)	<b>Scheduled Start Date</b>	10/08/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM

**Total** 18.46

<b>Work Order</b>	221435 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Scheduled Start Date</b>	10/29/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	138190
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602835 (DWO) SLUDGE FEED PUMP (09P204)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	3
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	82.14
<b>Equipment Serial Number</b>	B51361	<b>Actual Cost</b>	31.30
<b>Date Started</b>	11/12/2009	<b>Date Completed</b>	11/30/2009

**Work Order Comments**

**138190 [11/12/2009 14:54]:**

Job completed. Motor/Pump Out of Service. Belts and Equipment Look Good. - LDY

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					
2	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					
3	441.2	1	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
3		YOUNTS, LYNN	11/12/2009	N	1	31.30	31.30

<b>Work Order</b>	221435 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFED/PWKLY)	<b>Scheduled Start Date</b>	10/29/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM

<b>Subtotal</b>	<hr/>	<b>31.30</b>
<b>Total</b>	<hr/>	<b>31.30</b>

<b>Work Order</b>	222144 (DWO) VFD controler not working Check for it to be repaired or replaced.	<b>Scheduled Start Date</b>	10/27/2009
<b>Status</b>	Completed	<b>WO Type</b>	ELEC
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	ELECT ELECTRICAL PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	122522
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602835 (DWO) SLUDGE FEED PUMP (09P204)		
<b>Location</b>			
<b>Equipment</b>	M426	<b>Estimated Hours</b>	6.5
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	213.47
<b>Equipment Serial Number</b>	B51361	<b>Actual Cost</b>	297.24
<b>Date Started</b>	10/27/2009	<b>Date Completed</b>	05/18/2010

**Work Order Comments**

**128330 [10/29/2009 14:48]:**

Collect drive and contact vendorfor quote

**138190 [12/01/2009 07:22]:**

Investigated VFD failure. - LDY

**138190 [12/07/2009 08:27]:**

Packaged for shipping and delivered to UPS on Dec 1, 2009. Tracking # K1659671254

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	523.2	1	1		
2	441.3	3	1		
3	441.2	0.5	1		
4	803.2	2	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		HUTCHINS, WESLEY	10/27/2009	N	3	26.77	80.31
		HUTCHINS, WESLEY	10/28/2009	N	2	26.77	53.54
					<b>Subtotal</b>		<b>133.85</b>
3		YOUNTS, LYNN	11/30/2009	N	1	31.30	31.30
		YOUNTS, LYNN	12/01/2009	N	1	31.30	31.30
		YOUNTS, LYNN	12/01/2009	N	0.5	31.30	15.65
		YOUNTS, LYNN	03/24/2010	N	1	19.00	19.00
					<b>Subtotal</b>		<b>97.25</b>
4		BESHEARS, GARLAND	12/01/2009	BASE	2	33.07	66.14

<b>Work Order</b>	222144 (DWO) VFD controler not working Check for it to be repaired or replaced.	<b>Scheduled Start Date</b>	10/27/2009
<b>Status</b>	Completed	<b>WO Type</b>	ELEC

<b>Subtotal</b>	<u>66.14</u>
<b>Total</b>	<u>297.24</u>

<b>Work Order</b>	223307 (DWO) Repair Pump 09P204 Sludge Pump Controls; Pump will not Run -Check VFD	<b>Scheduled Start Date</b>	11/06/2009
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	138190 Younts, Lynn	<b>Assigned To</b>	102898
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602835 (DWO) SLUDGE FEED PUMP (09P204)		
<b>Location</b>			
<b>Equipment</b>	M426	<b>Estimated Hours</b>	3
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	93.90
<b>Equipment Serial Number</b>	B51361	<b>Actual Cost</b>	329.75
<b>Date Started</b>	11/30/2009	<b>Date Completed</b>	05/18/2010

**Work Order Comments**

- 138190 [11/06/2009 14:33]:**  
Investigated Pump Not Running; Found VFD is Bad; Need to order Replacement. Long Nguyen is working on project.
- 138190 [12/01/2009 08:11]:**  
Packaged large Square D VFD along with Profibus Communications Card for shipment to 3E Services, Inc., a Georgia electronics repair firm. - LDY
- 138190 [12/01/2009 10:57]:**  
Delivered Drive to UPS Store. - LDY
- 138190 [01/28/2010 07:29]:**  
VFD has been returned to us repaired and is on the premises. - LDY
- 138190 [03/24/2010 07:33]:**  
New VFD troubleshot and programmed yesterday. It's operational and can operate in local. However, need to evaluate Profibus Communication to SCADA as time allows. May not have communication with SCADA yet. Could be simply an address parameter.- LDY

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	441.2	3	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		CARTER, RICHARD	03/23/2010	N	5	31.30	156.50
		YOUNTS, LYNN	11/30/2009	N	1	31.30	31.30
		YOUNTS, LYNN	12/01/2009	N	1.5	31.30	46.95
		YOUNTS, LYNN	03/23/2010	N	5	19.00	95.00
						<b>Subtotal</b>	<b>329.75</b>
						<b>Total</b>	<b>329.75</b>

<b>Work Order</b>	224139 (DWO) NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PS ANN	<b>Scheduled Start Date</b>	03/27/2010
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	
<b>PM Code</b>	S057 NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PS ANN	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	C3
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602835 (DWO) SLUDGE FEED PUMP (09P204)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	B51361	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	S057	NEWPP-PM-Thickened Sludge Feed Pumps
<p><b>121419 [08/26/2008 08:37]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>CLOSER INSPECTION OF BELTS/REMOVE BELT GUARD, REPLACE AS REQUIRED. GREASE ALL APP</p>					

<b>Work Order</b>	229704 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Scheduled Start Date</b>	01/13/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	135758 Brooks, Roger	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602835 (DWO) SLUDGE FEED PUMP (09P204)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	3
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	75.04
<b>Equipment Serial Number</b>	B51361	<b>Actual Cost</b>	20.01
<b>Date Started</b>	01/20/2010	<b>Date Completed</b>	02/22/2010

**Work Order Comments**

*135758 [01/29/2010 09:32]:*  
pump awaiting parts

*128330 [02/19/2010 10:49]:*  
By pass line was closed pump put back into service

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><i>121419 [08/26/2008 08:37]:</i>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					
2	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><i>121419 [08/26/2008 08:37]:</i>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					
3	514.5	1	1		

**WO Actual Labor Hours**

<b>Work Order</b>	229704 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFED/PWKLY)	<b>Scheduled Start Date</b>	01/13/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
3		BROOKES, ROGER	01/20/2010	N	1	20.01	20.01
						<b>Subtotal</b>	<b>20.01</b>
						<b>Total</b>	<b>20.01</b>

<b>Work Order</b>	234113 (DWO) install new vfd, mounted and wired	<b>Scheduled Start Date</b>	02/02/2010
<b>Status</b>	Completed	<b>WO Type</b>	ELEC
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	ELECT ELECTRICAL PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	102898 Hutchins, Wesley E.	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602835 (DWO) SLUDGE FEED PUMP (09P204)		
<b>Location</b>			
<b>Equipment</b>	M426	<b>Estimated Hours</b>	13
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	410.91
<b>Equipment Serial Number</b>	B51361	<b>Actual Cost</b>	139.88
<b>Date Started</b>	02/03/2010	<b>Date Completed</b>	02/11/2010

**Work Order Comments**

*135758 [02/02/2010 13:11]:*  
 1/02/2010  
 installed new vfd , mounted and wired  
 102898 - 3hrs  
 133895 - 2hrs

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	523.2	3	1		
2	528.2	2	1		
3	441.3	8	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
3		NGUYEN, LONG	02/03/2010	N	4	34.97	139.88
						<b>Subtotal</b>	<b>139.88</b>
						<b>Total</b>	<b>139.88</b>

<b>Work Order</b>	239571 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Scheduled Start Date</b>	02/23/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	090534 Williams, Joseph O.	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602835 (DWO) SLUDGE FEED PUMP (09P204)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	3
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	75.04
<b>Equipment Serial Number</b>	B51361	<b>Actual Cost</b>	10.01
<b>Date Started</b>	03/03/2010	<b>Date Completed</b>	03/23/2010

**Work Order Comments**

*135758 [03/05/2010 11:22]:*  
 3/05/2010  
 the drive unit not working . slunde pump ok.

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><i>121419 [08/26/2008 08:37]:</i>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					
2	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><i>121419 [08/26/2008 08:37]:</i>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					
3	514.5	1	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
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<b>Work Order</b>	239571 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFED/PWKLY)	<b>Scheduled Start Date</b>	02/23/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM

3	BROOKES, ROGER	03/03/2010	N	0.5	20.01	10.01
					<b>Subtotal</b>	<b>10.01</b>
					<b>Total</b>	<b>10.01</b>

<b>Work Order</b>	245363 (DWO) NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PQTRLY	<b>Scheduled Start Date</b>	04/01/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q043 NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	OPS OPERATIONS	<b>Equip Criticality</b>	C3
<b>Reported By</b>	137670 Perry, Marquita	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602835 (DWO) SLUDGE FEED PUMP (09P204)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	B51361	<b>Actual Cost</b>	10.01
<b>Date Started</b>	04/14/2010	<b>Date Completed</b>	06/15/2010

**Work Order Comments**

*128330 [06/14/2010 15:36]:*  
completed as instructed

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q043	NEWPP-PM-Thickened Sludge Feed Pumps
<i>121419 [08/26/2008 08:36]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
CLOSER INSPECTION OF BELTS/REMOVE BELT GUARD, REPLACE AS REQUIRED.					
GREASE ALL APP					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	Q043	BROOKES, ROGER	04/14/2010	N	0.5	20.01	10.01
						<b>Subtotal</b>	<b>10.01</b>
						<b>Total</b>	<b>10.01</b>

<b>Work Order</b>	245383 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Scheduled Start Date</b>	03/23/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	133897
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602835 (DWO) SLUDGE FEED PUMP (09P204)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	2
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	50.84
<b>Equipment Serial Number</b>	B51361	<b>Actual Cost</b>	18.46
<b>Date Started</b>	03/23/2010	<b>Date Completed</b>	04/20/2010

**Work Order Comments**

*133897 [03/26/2010 14:13]:*  
Complete PM-OK

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><i>121419 [08/26/2008 08:37]:</i>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					
2	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><i>121419 [08/26/2008 08:37]:</i>                      - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)                      - LOCKOUT/TAGOUT EQUIPMENT                      - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-                      - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION                      WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS                      CHECK CONDITION OF BELTS AND TIG</p>					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	W055	KENLEY, ERIC	03/23/2010	N	1	18.46	18.46
						<b>Subtotal</b>	<b>18.46</b>

<b>Work Order</b>	245383 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFED/PWKLY)	<b>Scheduled Start Date</b>	03/23/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM

**Total** 18.46

<b>Work Order</b>	249978 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Scheduled Start Date</b>	04/27/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	NA NOT APPLICABLE	<b>Equip Criticality</b>	C3
<b>Reported By</b>	137670 Perry, Marquita	<b>Assigned To</b>	133895
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602835 (DWO) SLUDGE FEED PUMP (09P204)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	2.5
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	64.23
<b>Equipment Serial Number</b>	B51361	<b>Actual Cost</b>	22.62
<b>Date Started</b>	04/28/2010	<b>Date Completed</b>	05/19/2010

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS CHECK CONDITION OF BELTS AND TIG</p>					
2	528.2	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS CHECK CONDITION OF BELTS AND TIG</p>					
3	523.2	0.5	1		

WO Actual Labor Hours							
Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	W055	TRUJILLO, KEVIN	04/28/2010	N	0.5	18.46	9.23
						<b>Subtotal</b>	<b>9.23</b>
3		HUTCHINS, WESLEY	04/28/2010	N	0.5	26.77	13.39

<b>Work Order</b>	249978 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFED/PWKLY)	<b>Scheduled Start Date</b>	04/27/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM

<b>Subtotal</b>	<hr/>	<b>13.39</b>
<b>Total</b>	<hr/>	<b>22.62</b>

<b>Work Order</b>	262569 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Scheduled Start Date</b>	05/21/2010
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	C3
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602835 (DWO) SLUDGE FEED PUMP (09P204)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	0.00
<b>Equipment Serial Number</b>	B51361	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	GCON	1	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS CHECK CONDITION OF BELTS AND TIG</p>					

<b>Work Order</b>	270224 (DWO) NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PQTRLY	<b>Scheduled Start Date</b>	06/20/2011
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	
<b>PM Code</b>	Q043 NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	C3
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602835 (DWO) SLUDGE FEED PUMP (09P204)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	B51361	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q043	NEWPP-PM-Thickened Sludge Feed Pumps
<b>121419 [08/26/2008 08:36]:</b> - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS) - LOCKOUT/TAGOUT EQUIPMENT - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT- - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION CLOSER INSPECTION OF BELTS/REMOVE BELT GUARD, REPLACE AS REQUIRED. GREASE ALL APP					

<b>Work Order</b>	287946 (DWO) NEWPP-BF FEED/PANN (Thickend Sludge Feed Pumps)	<b>Scheduled Start Date</b>	02/12/2011
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	A062 NEWPP-BF FEED/PANN (Thickend Sludge Feed Pumps)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	138730 Stepp, Raymond	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602835 (DWO) SLUDGE FEED PUMP (09P204)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	0.5
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	12.10
<b>Equipment Serial Number</b>	B51361	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	0.5	1	A062	NEWPP-PM-Thickend Sludge Feed Pumps
<i>121419 [08/26/2008 08:36]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
CHANGE OILS IN UNITS AS PERSCRIBED BY MFG					
GREASE ELECTRIC MOTORS WITH DI-ELECTRIC					

<b>Work Order</b>	376417 (DWO) MAINTENANCE PROBLEM	<b>Scheduled Start Date</b>	06/06/2011
<b>Status</b>	Scheduled	<b>WO Type</b>	BRKD
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P2
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	128522 Miranda, Francisco J	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602835 (DWO) SLUDGE FEED PUMP (09P204)		
<b>Location</b>		<b>Estimated Hours</b>	
<b>Equipment</b>	M426		
<b>Manufacturer</b>		<b>Estimated Cost</b>	0.00
<b>Equipment Model</b>	NM076S	<b>Actual Cost</b>	0.00
<b>Equipment Serial Number</b>	B51361		
<b>Date Started</b>		<b>Date Completed</b>	

**Work Order Comments**

**128522 [06/06/2011 02:28]:**  
 Pump kicked off unable too restart it

**135758 [07/08/2011 09:46]:**  
 6/6/2011  
 flush and inspect pump . running properly  
 133895 2hrs  
 135758 2hrs

<b>Work Order</b>	527559 (DWO) NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PQTRLY	<b>Scheduled Start Date</b>	09/06/2011
<b>Status</b>	Work in Progress	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	
<b>PM Code</b>	Q043 NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	C3
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602835 (DWO) SLUDGE FEED PUMP (09P204)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	B51361	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q043	NEWPP-PM-Thickened Sludge Feed Pumps
<b>121419 [08/26/2008 08:36]:</b> - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS) - LOCKOUT/TAGOUT EQUIPMENT - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT- - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION CLOSER INSPECTION OF BELTS/REMOVE BELT GUARD, REPLACE AS REQUIRED. GREASE ALL APP					

<b>Work Order</b>	527750 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Scheduled Start Date</b>	09/12/2011
<b>Status</b>	Work in Progress	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	C3
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602835 (DWO) SLUDGE FEED PUMP (09P204)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	0.25
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM0765	<b>Estimated Cost</b>	0.00
<b>Equipment Serial Number</b>	B51361	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	GCON	0.25	2	W055	NEWPP-PM-THICKENED SLUDGE FEED PUMPS INSPECTION
<p><b>121419 [08/26/2008 08:37]:</b></p> <ul style="list-style-type: none"> <li>- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)</li> <li>- LOCKOUT/TAGOUT EQUIPMENT</li> <li>- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-</li> <li>- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION</li> </ul> <p>WEEKLY INSPECTION/CONDITION OF PUMP,MOTOR, BELTS CHECK CONDITION OF BELTS AND TIG</p>					

<b>Work Order</b>	87219 (DWO) NEWPP-BF FEED/PANN (Thickend Sludge Feed Pumps)	<b>Scheduled Start Date</b>	02/12/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	A062 NEWPP-BF FEED/PANN (Thickend Sludge Feed Pumps)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality Assigned To</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned By</b>	
<b>Project</b>			
<b>Standard WO</b>			
<b>Equipment</b>	602835 (DWO) SLUDGE FEED PUMP (09P204)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	1.5
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	36.91
<b>Equipment Serial Number</b>	B51361	<b>Actual Cost</b>	9.23
<b>Date Started</b>	02/26/2009	<b>Date Completed</b>	03/05/2009

**Work Order Comments**

*128330 [03/05/2009 08:32]:*  
 Looked over unit kistened for noise.

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	A062	NEWPP-PM-Thickend Sludge Feed Pumps
					<i>121419 [08/26/2008 08:36]:</i> - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS) - LOCKOUT/TAGOUT EQUIPMENT - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT- - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION CHANGE OILS IN UNITS AS PERSCRIBED BY MFG GREASE ELECTRIC MOTORS WITH DI-ELECTRIC
2	528.2	0.5	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
2		TRUJILLO, KEVIN	02/26/2009	N	0.5	18.46	9.23
					<b>Subtotal</b>		<b>9.23</b>
					<b>Total</b>		<b>9.23</b>

<b>Work Order</b>	87700 (DWO) NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PQTRLY	<b>Scheduled Start Date</b>	03/19/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	Q043 NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PQTRLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602835 (DWO) SLUDGE FEED PUMP (09P204)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	B51361	<b>Actual Cost</b>	6.05
<b>Date Started</b>	03/19/2009	<b>Date Completed</b>	03/31/2009

**Work Order Comments**

*128330 [03/30/2009 10:52]:*  
completed as instructed

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	Q043	NEWPP-PM-Thickened Sludge Feed Pumps
<i>121419 [08/26/2008 08:36]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
CLOSER INSPECTION OF BELTS/REMOVE BELT GUARD, REPLACE AS REQUIRED.					
GREASE ALL APP					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	Q043	BROOKES, ROGER	03/19/2009	BASE	0.25	24.20	6.05
						<b>Subtotal</b>	<b>6.05</b>
						<b>Total</b>	<b>6.05</b>

<b>Work Order</b>	87764 (DWO) NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PS ANN	<b>Scheduled Start Date</b>	04/01/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	S057 NEWPP-Thickened Sludge Feed Pumps - BPFEEED/PS ANN	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	133895
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602835 (DWO) SLUDGE FEED PUMP (09P204)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	2
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	50.30
<b>Equipment Serial Number</b>	B51361	<b>Actual Cost</b>	22.62
<b>Date Started</b>	04/15/2009	<b>Date Completed</b>	04/16/2009

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	S057	NEWPP-PM-Thickened Sludge Feed Pumps
					<i>121419 [08/26/2008 08:37]:</i>
					- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)
					- LOCKOUT/TAGOUT EQUIPMENT
					- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-
					- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION
					CLOSER INSPECTION OF BELTS/REMOVE BELT GUARD, REPLACE AS REQUIRED.
					GREASE ALL APP
2	523.2	0.5	1		
3	528.2	0.5	1		

WO Actual Labor Hours							
Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
2		HUTCHINS, WESLEY	04/15/2009	N	0.5	26.77	13.39
					<b>Subtotal</b>		<b>13.39</b>
3		TRUJILLO, KEVIN	04/15/2009	N	0.5	18.46	9.23
					<b>Subtotal</b>		<b>9.23</b>
					<b>Total</b>		<b>22.62</b>

<b>Work Order</b>	87818 (DWO) NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEED/PWKLY)	<b>Scheduled Start Date</b>	01/21/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W055 NEWPP-THICKENED SLUDGE FEED PUMPS INSPECTION (BPFEED/PWKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602835 (DWO) SLUDGE FEED PUMP (09P204)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>	M426	<b>Estimated Hours</b>	
<b>Manufacturer</b>			
<b>Equipment Model</b>	NM076S	<b>Estimated Cost</b>	0.00
<b>Equipment Serial Number</b>	B51361	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	01/29/2009

<b>Work Order</b>	250927 (DWO) NEWPP-pH Meter Cleaning & Calibration - PHWKLY	<b>Scheduled Start Date</b>	04/27/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P2
<b>PM Code</b>	W026 NEWPP-pH Meter Cleaning & Calibration - PHWKLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	138730 Stepp, Raymond	<b>Assigned To</b>	138190
<b>Project</b>		<b>Assigned By</b>	090534
<b>Standard WO</b>			
<b>Equipment</b>	602816 (DWO) THICKENER 1 PH METER (09PH01)		
<b>Location</b>	NEWPP (DWO) (DNE) NEWPS		
<b>Equipment</b>		<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	15.65
<b>Date Started</b>	04/27/2010	<b>Date Completed</b>	07/28/2010

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	W026	NEWPP-PM-pH Meter Cleaning & Calibration
					<i>121419 [08/26/2008 09:03]:</i>
					- NOTIFY OPS BERFORE BEGINNING WORK
					___ CLEAN PROBES
					___ VERIFY CALIBRATION WITH BUFFERS
					___ CALIBRATE PROBE IF READING IS 0.2 OFF BUFFERS
					___ IF PROBLEMATIC REPLACE SALT BRIDGE AND ELECTROLYTE
					CO2 UNITS
					___ NOTIFY OPS BERFORE BEGINNING WORK
					___ PLACE PID C

WO Actual Labor Hours							
Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	W026	YOUNTS, LYNN	04/27/2010	BASE	0.5	31.30	15.65
					<b>Subtotal</b>		<b>15.65</b>
					<b>Total</b>		<b>15.65</b>

<b>Work Order</b>	288219 (DWO) NEWPP-pH Meter Cleaning & Calibration - PHWKLY	<b>Scheduled Start Date</b>	08/02/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	
<b>PM Code</b>	W026 NEWPP-pH Meter Cleaning & Calibration - PHWKLY	<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602816 (DWO) THICKENER 1 PH METER (09PH01)		
<b>Location</b>			
<b>Equipment</b>		<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	06/06/2011

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	W026	NEWPP-PM-pH Meter Cleaning & Calibration
<i>121419 [08/26/2008 09:03]:</i>					
- NOTIFY OPS BERFORE BEGINNING WORK					
___ CLEAN PROBES					
___ VERIFY CALIBRATION WITH BUFFERS					
___ CALIBRATE PROBE IF READING IS 0.2 OFF BUFFERS					
___ IF PROBLEMATIC REPLACE SALT BRIDGE AND ELECTROLYTE					
CO2 UNITS					
___ NOTIFY OPS BERFORE BEGINNING WORK					
___ PLACE PID C					

<b>Work Order</b>	376545 (DWO)	NEWPP-pH Meter Cleaning & Calibration - PHWKLY	<b>Scheduled Start Date</b>	06/13/2011
<b>Status</b>	Cancelled		<b>WO Type</b>	PM
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	
<b>PM Code</b>	W026	NEWPP-pH Meter Cleaning & Calibration - PHWKLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018	DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>			<b>Equip Criticality</b>	
<b>Reported By</b>			<b>Assigned To</b>	138190
<b>Project</b>			<b>Assigned By</b>	128330
<b>Standard WO</b>				
<b>Equipment</b>	602816 (DWO)	THICKENER 1 PH METER (09PH01)		
<b>Location</b>	165 (DWO)	NORTHEAST WATER PURIFICATION PLANT		
<b>Equipment Manufacturer</b>			<b>Estimated Hours</b>	2
<b>Equipment Model</b>			<b>Estimated Cost</b>	48.40
<b>Equipment Serial Number</b>			<b>Actual Cost</b>	0.00
<b>Date Started</b>			<b>Date Completed</b>	08/29/2011

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	2	1	W026	NEWPP-PM-pH Meter Cleaning & Calibration
					<i>121419 [08/26/2008 09:03]:</i>
					- NOTIFY OPS BERFORE BEGINNING WORK
					___ CLEAN PROBES
					___ VERIFY CALIBRATION WITH BUFFERS
					___ CALIBRATE PROBE IF READING IS 0.2 OFF BUFFERS
					___ IF PROBLEMATIC REPLACE SALT BRIDGE AND ELECTROLYTE
					CO2 UNITS
					___ NOTIFY OPS BERFORE BEGINNING WORK
					___ PLACE PID C

<b>Work Order</b>	527621 (DWO) NEWPP-pH Meter Cleaning & Calibration - PHWKLY	<b>Scheduled Start Date</b>	09/05/2011
<b>Status</b>	Work in Progress	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	
<b>PM Code</b>	W026 NEWPP-pH Meter Cleaning & Calibration - PHWKLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	C4
<b>Reported By</b>		<b>Assigned To</b>	138190
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602816 (DWO) THICKENER 1 PH METER (09PH01)		
<b>Location</b>	165 (DWO) NORTHEAST WATER PURIFICATION PLANT		
<b>Equipment</b>		<b>Estimated Hours</b>	2
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	50.84
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	2	1	W026	NEWPP-PM-pH Meter Cleaning & Calibration
					<i>121419 [08/26/2008 09:03]:</i>
					- NOTIFY OPS BERFORE BEGINNING WORK
					___ CLEAN PROBES
					___ VERIFY CALIBRATION WITH BUFFERS
					___ CALIBRATE PROBE IF READING IS 0.2 OFF BUFFERS
					___ IF PROBLEMATIC REPLACE SALT BRIDGE AND ELECTROLYTE
					CO2 UNITS
					___ NOTIFY OPS BERFORE BEGINNING WORK
					___ PLACE PID C

<b>Work Order</b>	250928 (DWO) NEWPP-pH Meter Cleaning & Calibration - PHWKLY	<b>Scheduled Start Date</b>	04/27/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P2
<b>PM Code</b>	W026 NEWPP-pH Meter Cleaning & Calibration - PHWKLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	138730 Stepp, Raymond	<b>Assigned To</b>	138190
<b>Project</b>		<b>Assigned By</b>	090534
<b>Standard WO</b>			
<b>Equipment</b>	602817 (DWO) THICKENER 2 PH METER (09PH02)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>		<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	15.65
<b>Date Started</b>	04/27/2010	<b>Date Completed</b>	07/28/2010

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	W026	NEWPP-PM-pH Meter Cleaning & Calibration
<i>121419 [08/26/2008 09:03]:</i>					
- NOTIFY OPS BERFORE BEGINNING WORK					
___ CLEAN PROBES					
___ VERIFY CALIBRATION WITH BUFFERS					
___ CALIBRATE PROBE IF READING IS 0.2 OFF BUFFERS					
___ IF PROBLEMATIC REPLACE SALT BRIDGE AND ELECTROLYTE					
CO2 UNITS					
___ NOTIFY OPS BERFORE BEGINNING WORK					
___ PLACE PID C					

WO Actual Labor Hours							
Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	W026	YOUNTS, LYNN	04/27/2010	BASE	0.5	31.30	15.65
						<b>Subtotal</b>	<b>15.65</b>
						<b>Total</b>	<b>15.65</b>

<b>Work Order</b>	288220 (DWO)	NEWPP-pH Meter Cleaning & Calibration - PHWKLY	<b>Scheduled Start Date</b>	08/02/2010
<b>Status</b>	Completed		<b>WO Type</b>	PM
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	
<b>PM Code</b>	W026	NEWPP-pH Meter Cleaning & Calibration - PHWKLY	<b>Warranty</b>	N
<b>Cost Code</b>			<b>Safety</b>	N
<b>Problem Code</b>			<b>Equip Criticality</b>	
<b>Reported By</b>			<b>Assigned To</b>	
<b>Project</b>			<b>Assigned By</b>	
<b>Standard WO</b>				
<b>Equipment</b>	602817 (DWO)	THICKENER 2 PH METER (09PH02)	<b>Estimated Hours</b>	1
<b>Location</b>	ST-P/S (DWO)	(DNE) SLUDGE THICKENER - P/S	<b>Estimated Cost</b>	24.20
<b>Equipment Manufacturer</b>			<b>Actual Cost</b>	0.00
<b>Equipment Model</b>			<b>Date Completed</b>	06/06/2011
<b>Equipment Serial Number</b>				
<b>Date Started</b>				

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	W026	NEWPP-PM-pH Meter Cleaning & Calibration
<i>121419 [08/26/2008 09:03]:</i>					
- NOTIFY OPS BERFORE BEGINNING WORK					
___ CLEAN PROBES					
___ VERIFY CALIBRATION WITH BUFFERS					
___ CALIBRATE PROBE IF READING IS 0.2 OFF BUFFERS					
___ IF PROBLEMATIC REPLACE SALT BRIDGE AND ELECTROLYTE					
CO2 UNITS					
___ NOTIFY OPS BERFORE BEGINNING WORK					
___ PLACE PID C					

<b>Work Order</b>	376546 (DWO)	NEWPP-pH Meter Cleaning & Calibration - PHWKLY	<b>Scheduled Start Date</b>	06/13/2011
<b>Status</b>	Cancelled		<b>WO Type</b>	PM
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	
<b>PM Code</b>	W026	NEWPP-pH Meter Cleaning & Calibration - PHWKLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018	DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>			<b>Equip Criticality</b>	
<b>Reported By</b>			<b>Assigned To</b>	138190
<b>Project</b>			<b>Assigned By</b>	128330
<b>Standard WO</b>				
<b>Equipment</b>	602817 (DWO)	THICKENER 2 PH METER (09PH02)		
<b>Location</b>	165 (DWO)	NORTHEAST WATER PURIFICATION PLANT		
<b>Equipment Manufacturer</b>			<b>Estimated Hours</b>	2
<b>Equipment Model</b>			<b>Estimated Cost</b>	48.40
<b>Equipment Serial Number</b>			<b>Actual Cost</b>	0.00
<b>Date Started</b>			<b>Date Completed</b>	08/29/2011

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	2	1	W026	NEWPP-PM-pH Meter Cleaning & Calibration
					<i>121419 [08/26/2008 09:03]:</i>
					- NOTIFY OPS BERFORE BEGINNING WORK
					___ CLEAN PROBES
					___ VERIFY CALIBRATION WITH BUFFERS
					___ CALIBRATE PROBE IF READING IS 0.2 OFF BUFFERS
					___ IF PROBLEMATIC REPLACE SALT BRIDGE AND ELECTROLYTE
					CO2 UNITS
					___ NOTIFY OPS BERFORE BEGINNING WORK
					___ PLACE PID C

<b>Work Order</b>	527622 (DWO)	NEWPP-pH Meter Cleaning & Calibration - PHWKLY	<b>Scheduled Start Date</b>	09/05/2011
<b>Status</b>	Work in Progress		<b>WO Type</b>	PM
<b>Parent Work Order</b>				<b>Class</b>
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	
<b>PM Code</b>	W026	NEWPP-pH Meter Cleaning & Calibration - PHWKLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018	DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>				<b>Equip Criticality</b>
<b>Reported By</b>				<b>Assigned To</b>
<b>Project</b>				<b>Assigned By</b>
<b>Standard WO</b>				
<b>Equipment</b>	602817 (DWO)	THICKENER 2 PH METER (09PH02)		
<b>Location</b>	165 (DWO)	NORTHEAST WATER PURIFICATION PLANT		
<b>Equipment Manufacturer</b>				<b>Estimated Hours</b>
<b>Equipment Model</b>				<b>Estimated Cost</b>
<b>Equipment Serial Number</b>				<b>Actual Cost</b>
<b>Date Started</b>				<b>Date Completed</b>

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	2	1	W026	NEWPP-PM-pH Meter Cleaning & Calibration
<i>121419 [08/26/2008 09:03]:</i>					
- NOTIFY OPS BERFORE BEGINNING WORK					
___ CLEAN PROBES					
___ VERIFY CALIBRATION WITH BUFFERS					
___ CALIBRATE PROBE IF READING IS 0.2 OFF BUFFERS					
___ IF PROBLEMATIC REPLACE SALT BRIDGE AND ELECTROLYTE					
CO2 UNITS					
___ NOTIFY OPS BERFORE BEGINNING WORK					
___ PLACE PID C					

<b>Work Order</b>	250929 (DWO) NEWPP-pH Meter Cleaning & Calibration - PHWKLY	<b>Scheduled Start Date</b>	04/27/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P2
<b>PM Code</b>	W026 NEWPP-pH Meter Cleaning & Calibration - PHWKLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	138730 Stepp, Raymond	<b>Assigned To</b>	138190
<b>Project</b>		<b>Assigned By</b>	090534
<b>Standard WO</b>			
<b>Equipment</b>	602818 (DWO) THICKENER 3 PH METER (09PH03)		
<b>Location</b>	NEWPP (DWO) (DNE) NEWPS		
<b>Equipment</b>		<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	15.65
<b>Date Started</b>	04/27/2010	<b>Date Completed</b>	07/28/2010

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	W026	NEWPP-PM-pH Meter Cleaning & Calibration
<i>121419 [08/26/2008 09:03]:</i>					
- NOTIFY OPS BERFORE BEGINNING WORK					
___ CLEAN PROBES					
___ VERIFY CALIBRATION WITH BUFFERS					
___ CALIBRATE PROBE IF READING IS 0.2 OFF BUFFERS					
___ IF PROBLEMATIC REPLACE SALT BRIDGE AND ELECTROLYTE					
CO2 UNITS					
___ NOTIFY OPS BERFORE BEGINNING WORK					
___ PLACE PID C					

WO Actual Labor Hours							
Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	W026	YOUNTS, LYNN	04/27/2010	BASE	0.5	31.30	15.65
						<b>Subtotal</b>	<b>15.65</b>
						<b>Total</b>	<b>15.65</b>

<b>Work Order</b>	288221 (DWO) NEWPP-pH Meter Cleaning & Calibration - PHWKLY	<b>Scheduled Start Date</b>	08/02/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	
<b>PM Code</b>	W026 NEWPP-pH Meter Cleaning & Calibration - PHWKLY	<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602818 (DWO) THICKENER 3 PH METER (09PH03)		
<b>Location</b>		<b>Estimated Hours</b>	1
<b>Equipment</b>		<b>Estimated Cost</b>	24.20
<b>Manufacturer</b>		<b>Actual Cost</b>	0.00
<b>Equipment Model</b>			
<b>Equipment Serial</b>			
<b>Number</b>			
<b>Date Started</b>		<b>Date Completed</b>	06/06/2011

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	W026	NEWPP-PM-pH Meter Cleaning & Calibration
					<i>121419 [08/26/2008 09:03]:</i>
					- NOTIFY OPS BERFORE BEGINNING WORK
					___ CLEAN PROBES
					___ VERIFY CALIBRATION WITH BUFFERS
					___ CALIBRATE PROBE IF READING IS 0.2 OFF BUFFERS
					___ IF PROBLEMATIC REPLACE SALT BRIDGE AND ELECTROLYTE
					CO2 UNITS
					___ NOTIFY OPS BERFORE BEGINNING WORK
					___ PLACE PID C

<b>Work Order</b>	376547 (DWO)	NEWPP-pH Meter Cleaning & Calibration - PHWKLY	<b>Scheduled Start Date</b>	06/13/2011
<b>Status</b>	Cancelled		<b>WO Type</b>	PM
<b>Parent Work Order</b>				<b>Class</b>
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	
<b>PM Code</b>	W026	NEWPP-pH Meter Cleaning & Calibration - PHWKLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018	DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>				<b>Equip Criticality</b>
<b>Reported By</b>				<b>Assigned To</b>
<b>Project</b>				<b>Assigned By</b>
<b>Standard WO</b>				
<b>Equipment</b>	602818 (DWO)	THICKENER 3 PH METER (09PH03)		
<b>Location</b>	165 (DWO)	NORTHEAST WATER PURIFICATION PLANT		
<b>Equipment Manufacturer</b>				<b>Estimated Hours</b>
<b>Equipment Model</b>				2
<b>Equipment Serial Number</b>				<b>Estimated Cost</b>
<b>Date Started</b>				48.40
				<b>Actual Cost</b>
				0.00
				<b>Date Completed</b>
				08/29/2011

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	2	1	W026	NEWPP-PM-pH Meter Cleaning & Calibration
					<b>121419 [08/26/2008 09:03]:</b>
					- NOTIFY OPS BERFORE BEGINNING WORK
					___ CLEAN PROBES
					___ VERIFY CALIBRATION WITH BUFFERS
					___ CALIBRATE PROBE IF READING IS 0.2 OFF BUFFERS
					___ IF PROBLEMATIC REPLACE SALT BRIDGE AND ELECTROLYTE
					CO2 UNITS
					___ NOTIFY OPS BERFORE BEGINNING WORK
					___ PLACE PID C

<b>Work Order</b>	527623 (DWO) NEWPP-pH Meter Cleaning & Calibration - PHWKLY	<b>Scheduled Start Date</b>	09/05/2011
<b>Status</b>	Work in Progress	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	
<b>PM Code</b>	W026 NEWPP-pH Meter Cleaning & Calibration - PHWKLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	C4
<b>Reported By</b>		<b>Assigned To</b>	138190
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602818 (DWO) THICKENER 3 PH METER (09PH03)		
<b>Location</b>	165 (DWO) NORTHEAST WATER PURIFICATION PLANT		
<b>Equipment</b>		<b>Estimated Hours</b>	2
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	50.84
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	2	1	W026	NEWPP-PM-pH Meter Cleaning & Calibration
					<i>121419 [08/26/2008 09:03]:</i>
					- NOTIFY OPS BERFORE BEGINNING WORK
					___ CLEAN PROBES
					___ VERIFY CALIBRATION WITH BUFFERS
					___ CALIBRATE PROBE IF READING IS 0.2 OFF BUFFERS
					___ IF PROBLEMATIC REPLACE SALT BRIDGE AND ELECTROLYTE
					CO2 UNITS
					___ NOTIFY OPS BERFORE BEGINNING WORK
					___ PLACE PID C

<b>Work Order</b>	226660 (DWO)	East Thickener reducer gear out of alignment	<b>Scheduled Start Date</b>	12/09/2009
<b>Status</b>	Completed		<b>WO Type</b>	CM
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>			<b>Safety</b>	N
<b>Problem Code</b>	MAINT	MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	133897	Kenley, Eric Scott	<b>Assigned To</b>	133897
<b>Project</b>			<b>Assigned By</b>	096216
<b>Standard WO</b>				
<b>Equipment</b>	602838 (DWO)	RK7101 THICKENER 1 RAKE (09RAKE01)	<b>Estimated Hours</b>	8
<b>Location</b>				
<b>Equipment</b>			<b>Estimated Cost</b>	181.72
<b>Manufacturer</b>			<b>Actual Cost</b>	283.40
<b>Equipment Model</b>				
<b>Equipment Serial Number</b>				
<b>Date Started</b>	12/09/2009		<b>Date Completed</b>	01/22/2010

**Work Order Comments**

**133897 [12/09/2009 15:09]:**

East Thickener reducer gear out of alignment-aligned sprocket-OK  
 133897-4.0hrs-12/9/09  
 135758-4.0hrs-12/9/09  
 133895-4.0hrs-12/9/09

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	4	2		
2	514.6	4	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		TRUJILLO, KEVIN	12/09/2009	BASE	4	25.42	101.68
		KENLEY, ERIC	12/09/2009	BASE	4	25.42	101.68
					<b>Subtotal</b>		<b>203.36</b>
2		BROOKES, ROGER	12/09/2009	BASE	4	20.01	80.04
							<b>Subtotal</b>
					<b>Total</b>		<b>283.40</b>

<b>Work Order</b>	225436 (DWO)	rake will not turn/pump down thickner #2 to clean out thickner	<b>Scheduled Start Date</b>	12/01/2009
<b>Status</b>	Completed		<b>WO Type</b>	CM
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P2
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>			<b>Safety</b>	N
<b>Problem Code</b>	MAINT	MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	133895	Trujillo, Kevin	<b>Assigned To</b>	135758
<b>Project</b>			<b>Assigned By</b>	096216
<b>Standard WO</b>				
<b>Equipment</b>	602839 (DWO)	RK7102 THICKENER 2 RAKE (09RAKE02)		
<b>Location</b>				
<b>Equipment</b>			<b>Estimated Hours</b>	27.5
<b>Manufacturer</b>				
<b>Equipment Model</b>			<b>Estimated Cost</b>	555.01
<b>Equipment Serial Number</b>			<b>Actual Cost</b>	785.36
<b>Date Started</b>	12/01/2009		<b>Date Completed</b>	02/22/2010

**Work Order Comments**

**133895 [12/01/2009 14:33]:**

133895 12-01-09 7hrs  
 135758 12-01-09 7hrs  
 102898 12-01-09 7hrs  
 133897 12-01-09 4hrs

move hoses around /repair hoses/look for hose clamps/hose blowing off

**128330 [12/02/2009 12:16]:**

Helped with hose and purchased new clamps for hose

**128330 [02/19/2010 11:29]:**

Contractor has been given responsibility to clean thickener

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	7	2		
2	514.0	7	1		
3	523.2	7	1		
4	803.2	1.5	1		
5	576.4	5	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		TRUJILLO, KEVIN	12/01/2009	BASE	7	25.42	177.94
		KENLEY, ERIC	12/01/2009	BASE	4	25.42	101.68
						<b>Subtotal</b>	<b>279.62</b>
2		BROOKES, ROGER	12/01/2009	BASE	7	20.01	140.07

Work Order	225436 (DWO)	rake will not turn/pump down thickner #2 to clean out	Scheduled Start Date	12/01/2009		
Status	thickner Completed		WO Type	CM		
3	HUTCHINS, WESLEY	12/01/2009	BASE	7	26.77	187.39
					<b>Subtotal</b>	<b>187.39</b>
4	BESHEARS, GARLAND	12/01/2009	BASE	4	33.07	132.28
					<b>Subtotal</b>	<b>132.28</b>
5	WILLIAMS, JOSEPH	12/01/2009	BASE	5	0.00	0.00
					<b>Subtotal</b>	<b>0.00</b>
					<b>Total</b>	<b>739.36</b>

<b>Work Order</b>	272894 (DWO) South Thickener rake torque overload	<b>Scheduled Start Date</b>	06/23/2010
<b>Status</b>	Completed	<b>WO Type</b>	BRKD
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P2
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	133897
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602839 (DWO) RK7102 THICKENER 2 RAKE (09RAKE02)		
<b>Location</b>	NEWPP (DWO) (DNE) NEWPS		
<b>Equipment</b>		<b>Estimated Hours</b>	4
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	128.43
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	144.30
<b>Date Started</b>	06/23/2010	<b>Date Completed</b>	07/12/2010

**Work Order Comments**

**133897 [06/23/2010 07:58]:**

South Thickener rake torque overload-begin bottoms transfer south to north thickener  
 Checked out limit switch and oil levels-OK  
 Last reading on thickener was 13ft..will attempt rake restart every two hours during transfer  
 133897-2.0hrs-6/23/10

**133897 [06/24/2010 09:06]:**

Thickener restart failed after partial transfer to north thickener-need complete cleanout  
 Please leave open

**128330 [07/08/2010 14:02]:**

Russell Holley Chris Thompson and myself Garland Beshears Started thickener after complete clean out unit workinf ok 7/2/10

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	1		
2	441.3	2	1		
3	803.2	1	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		NGUYEN, LONG	06/28/2010	BASE	1	34.97	34.97
		KENLEY, ERIC	06/23/2010	BASE	2	25.42	50.84
		KENLEY, ERIC	06/28/2010	BASE	1	25.42	25.42
					<b>Subtotal</b>		<b>111.23</b>
3		BESHEARS, GARLAND	07/02/2010	BASE	1	33.07	33.07
							<b>Subtotal</b>
					<b>Total</b>		<b>144.30</b>

<b>Work Order</b>	284698 (DWO) Test Rakes at South Thickener.	<b>Scheduled Start Date</b>	07/19/2010
<b>Status</b>	Completed	<b>WO Type</b>	PDM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P2
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	138190 Younts, Lynn	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602839 (DWO) RK7102 THICKENER 2 RAKE (09RAKE02)		
<b>Location</b>	NEWPP (DWO) (DNE) NEWPS		
<b>Equipment</b>		<b>Estimated Hours</b>	3
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	75.04
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	68.15
<b>Date Started</b>	07/19/2010	<b>Date Completed</b>	07/28/2010

**Work Order Comments**

*138730 [07/22/2010 11:30]:*  
 Tested rake and made proper adjustments as needed.

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	2	1		
2	514.5	1	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		TRUJILLO, KEVIN	07/19/2010	O	1	38.13	38.13
						<b>Subtotal</b>	<b>38.13</b>
2		BROOKES, ROGER	07/19/2010	O	1	30.02	30.02
						<b>Subtotal</b>	<b>30.02</b>
						<b>Total</b>	<b>68.15</b>

<b>Work Order</b>	181111 (DWO)	rake not working trip due to overload/can't restart	<b>Scheduled Start Date</b>	10/07/2009
<b>Status</b>	Completed		<b>WO Type</b>	CM
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>			<b>Safety</b>	N
<b>Problem Code</b>	MAINT	MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	137967	Pamela Thomas	<b>Assigned To</b>	133895
<b>Project</b>			<b>Assigned By</b>	096216
<b>Standard WO</b>				
<b>Equipment</b>	602840 (DWO)	RK7103 THICKENER 3 RAKE (09RAKE03)		
<b>Location</b>	006 (DWO)	NORTHEAST PLANT		
<b>Equipment</b>			<b>Estimated Hours</b>	5
<b>Manufacturer</b>				
<b>Equipment Model</b>			<b>Estimated Cost</b>	127.36
<b>Equipment Serial Number</b>			<b>Actual Cost</b>	260.96
<b>Date Started</b>	10/07/2009		<b>Date Completed</b>	10/16/2009

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	1		
2	514.5	2	1		
3	523.2	2	1		

WO Actual Labor Hours							
Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		TRUJILLO, KEVIN	10/07/2009	N	4	18.46	73.84
					<b>Subtotal</b>		<b>73.84</b>
2		BROOKES, ROGER	10/07/2009	N	4	20.01	80.04
					<b>Subtotal</b>		<b>80.04</b>
3		HUTCHINS, WESLEY	10/07/2009	N	4	26.77	107.08
					<b>Subtotal</b>		<b>107.08</b>
					<b>Total</b>		<b>260.96</b>

<b>Work Order</b>	223919 (DWO) #3 Thickener Rake torqued out	<b>Scheduled Start Date</b>	11/12/2009
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P2
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	133897 Kenley, Eric Scott	<b>Assigned To</b>	133895
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602840 (DWO) RK7103 THICKENER 3 RAKE (09RAKE03)		
<b>Location</b>		<b>Estimated Hours</b>	6
<b>Equipment</b>		<b>Estimated Cost</b>	152.78
<b>Manufacturer</b>		<b>Actual Cost</b>	130.48
<b>Equipment Model</b>			
<b>Equipment Serial Number</b>			
<b>Date Started</b>	11/12/2009	<b>Date Completed</b>	11/17/2009

**Work Order Comments**

*133897 [11/12/2009 09:36]:*

#3 Thickener Rake torqued out-readjusted back to normal setpoint following thick bottom

133895-2.0hrs-11/12/09

135758-2.0hrs-11/12/09

102898-2.0hrs-11/12/09

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	2	1		
2	514.5	2	1		
3	523.2	2	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		TRUJILLO, KEVIN	11/12/2009	N	2	18.46	36.92
					<b>Subtotal</b>		<b>36.92</b>
2		BROOKES, ROGER	11/12/2009	N	2	20.01	40.02
					<b>Subtotal</b>		<b>40.02</b>
3		HUTCHINS, WESLEY	11/12/2009	N	2	26.77	53.54
					<b>Subtotal</b>		<b>53.54</b>
					<b>Total</b>		<b>130.48</b>

<b>Work Order</b>	232019 (DWO) Investigate noise	<b>Scheduled Start Date</b>	01/22/2010
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	096216 Holley, Russell B.	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602840 (DWO) RK7103 THICKENER 3 RAKE (09RAKE03)		
<b>Location</b>		<b>Estimated Hours</b>	4.5
<b>Equipment</b>		<b>Estimated Cost</b>	128.47
<b>Manufacturer</b>		<b>Actual Cost</b>	335.43
<b>Equipment Model</b>			
<b>Equipment Serial Number</b>			
<b>Date Started</b>	01/25/2010	<b>Date Completed</b>	02/01/2010

**Work Order Comments**

**135758 [01/27/2010 08:10]:**

inspect east thickner, change oil and grease bearings.

1/25/10

133895 - 7hrs

135758 - 7hrs

**128330 [01/28/2010 12:58]:**

Made copies of O&M manual gave to crew and assisted in checking out equipment

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1.5	1		
2	514.5	1	1		
3	803.2	2	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		TRUJILLO, KEVIN	01/25/2010	N	7	18.46	129.22
					<b>Subtotal</b>		<b>129.22</b>
2		BROOKES, ROGER	01/25/2010	N	7	20.01	140.07
					<b>Subtotal</b>		<b>140.07</b>
3		BESHEARS, GARLAND	01/25/2010	BASE	2	33.07	66.14
					<b>Subtotal</b>		<b>66.14</b>
					<b>Total</b>		<b>335.43</b>

<b>Work Order</b>	114959 (DWO)	Belt press conveyor will not run	<b>Scheduled Start Date</b>	02/03/2009
<b>Status</b>	Completed		<b>WO Type</b>	ELEC
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>			<b>Safety</b>	N
<b>Problem Code</b>	ELECT	ELECTRICAL PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	102898	Hutchins, Wesley E.	<b>Assigned To</b>	
<b>Project</b>			<b>Assigned By</b>	086056
<b>Standard WO</b>				
<b>Equipment</b>	603101 (DWO)	BELT PRESS 1 AND 2 CONVEYOR (09CONV01)		
<b>Location</b>	ST-P/S (DWO)	(DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>			<b>Estimated Hours</b>	5
<b>Manufacturer</b>			<b>Estimated Cost</b>	131.15
<b>Equipment Model</b>	U355 B/SS		<b>Actual Cost</b>	131.15
<b>Equipment Serial Number</b>				
<b>Date Started</b>	02/03/2009		<b>Date Completed</b>	02/17/2009

**Work Order Comments**

*128330 [02/13/2009 09:48]:*  
conveyor failed because of bad gear box

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	523.2	3	1		
2	528.2	2	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		HUTCHINS, WESLEY	02/03/2009	N	3	26.77	80.31
						<b>Subtotal</b>	<b>80.31</b>
2		TRUJILLO, KEVIN	02/03/2009	N	2	25.42	50.84
						<b>Subtotal</b>	<b>50.84</b>
						<b>Total</b>	<b>131.15</b>

<b>Work Order</b>	308928 (DWO) Belt Press 202 Down with False "Belt Broken" Alarm.	<b>Scheduled Start Date</b>	10/06/2010
<b>Status</b>	Completed	<b>WO Type</b>	INST
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P2
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	SCADA SCADA / INSTRUMENTATION	<b>Equip Criticality</b>	
<b>Reported By</b>	138190 Younts, Lynn	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	603101 (DWO) BELT PRESS 1 AND 2 CONVEYOR (09CONV01)		
<b>Location</b>	NEWPP (DWO) (DNE) NEWPS		
<b>Equipment</b>		<b>Estimated Hours</b>	4
<b>Manufacturer</b>			
<b>Equipment Model</b>	U355 B/SS	<b>Estimated Cost</b>	119.32
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	150.62
<b>Date Started</b>	10/06/2010	<b>Date Completed</b>	10/07/2010

**Work Order Comments**

*133897 [10/07/2010 08:43]:*  
133897-1.0hrs-10/7/10

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	1		
2	441.2	3	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		KENLEY, ERIC	10/07/2010	BASE	1	25.42	25.42
						<b>Subtotal</b>	<b>25.42</b>
2		YOUNTS, LYNN	10/06/2010	BASE	1	31.30	31.30
		YOUNTS, LYNN	10/06/2010	O	1	46.95	46.95
		YOUNTS, LYNN	10/07/2010	BASE	1.5	31.30	46.95
						<b>Subtotal</b>	<b>125.20</b>
						<b>Total</b>	<b>150.62</b>

<b>Work Order</b>	530398 (DWO)	Repair Conveyor Belt at Belt Press 1 and 2	<b>Scheduled Start Date</b>	09/01/2011
<b>Status</b>	Completed		<b>WO Type</b>	CM
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P1
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>	2000040018	DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT	MAINTENANCE PROBLEM	<b>Equip Criticality</b>	C3
<b>Reported By</b>	090534	Williams, Joseph O.	<b>Assigned To</b>	135758
<b>Project</b>			<b>Assigned By</b>	096216
<b>Standard WO</b>				
<b>Equipment</b>	603101 (DWO)	BELT PRESS 1 AND 2 CONVEYOR (09CONV01)		
<b>Location</b>	165 (DWO)	NORTHEAST WATER PURIFICATION PLANT		
<b>Equipment Manufacturer</b>			<b>Estimated Hours</b>	5
<b>Equipment Model</b>	U355 B/SS		<b>Estimated Cost</b>	40.02
<b>Equipment Serial Number</b>			<b>Actual Cost</b>	0.00
<b>Date Started</b>	09/01/2011		<b>Date Completed</b>	09/08/2011

**Work Order Comments**

*131159 [09/01/2011 11:27]:*

Replaced sheared key-way

Joe - 3.0 Hrs

Roger - 2.0 Hrs

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	576.4	3	1		
2	514.6	2	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		WILLIAMS, JOSEPH	09/01/2011	BASE	3	0.00	0.00
					<b>Subtotal</b>		<b>0.00</b>
2		BROOKES, ROGER	09/01/2011	BASE	2	0.00	0.00
					<b>Subtotal</b>		<b>0.00</b>
					<b>Total</b>		<b>0.00</b>

<b>Work Order</b>	113879 (DWO) NEWPP- CONVEYOR (CONVWEEKLY)	<b>Scheduled Start Date</b>	02/04/2009
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W056 NEWPP- CONVEYOR (CONVWEEKLY)	<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	133895
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	603102 (DWO) BELT PRESS 3 CONVEYOR (09CONV02)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment Manufacturer</b>		<b>Estimated Hours</b>	
<b>Equipment Model</b>	U355 B/SS	<b>Estimated Cost</b>	0.00
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	02/27/2009

**Work Order Comments**

*128330 [02/27/2009 08:35]:*  
 THIS UNIT IS MAINTATNED BY CONTRACTOR

<b>Work Order</b>	117242 (DWO) NEWPP- CONVEYOR (CONVWEEKLY)	<b>Scheduled Start Date</b>	03/04/2009
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W056 NEWPP- CONVEYOR (CONVWEEKLY)	<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	603102 (DWO) BELT PRESS 3 CONVEYOR (09CONV02)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>		<b>Estimated Hours</b>	
<b>Manufacturer</b>			
<b>Equipment Model</b>	U355 B/SS	<b>Estimated Cost</b>	0.00
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	03/16/2009

<b>Work Order</b>	143182 (DWO)	Unable to reset the switch or breaker on Belt Press #3	<b>Scheduled Start Date</b>	05/06/2009
<b>Status</b>	Completed		<b>WO Type</b>	ELEC
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P1
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>			<b>Safety</b>	N
<b>Problem Code</b>	ELECT	ELECTRICAL PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	131465	Odonnell, Christopher M	<b>Assigned To</b>	102898
<b>Project</b>			<b>Assigned By</b>	096216
<b>Standard WO</b>				
<b>Equipment</b>	603102 (DWO)	BELT PRESS 3 CONVEYOR (09CONV02)	<b>Estimated Hours</b>	6
<b>Location</b>				
<b>Equipment</b>			<b>Estimated Cost</b>	156.57
<b>Manufacturer</b>			<b>Actual Cost</b>	135.69
<b>Equipment Model</b>	U355 B/SS		<b>Date Completed</b>	06/04/2009
<b>Equipment Serial Number</b>				
<b>Date Started</b>	05/06/2009			

**Work Order Comments**

*128330 [06/02/2009 14:56]:*  
 Replaced bad elect, feed wires

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	523.2	3	1		
2	528.2	3	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		HUTCHINS, WESLEY	05/06/2009	N	3	26.77	80.31
						<b>Subtotal</b>	<b>80.31</b>
2		KENLEY, ERIC	05/06/2009	N	3	18.46	55.38
						<b>Subtotal</b>	<b>55.38</b>
						<b>Total</b>	<b>135.69</b>

<b>Work Order</b>	250942 (DWO) NEWPP- CONVEYOR (CONVWEEKLY)	<b>Scheduled Start Date</b>	04/27/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W056 NEWPP- CONVEYOR (CONVWEEKLY)	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	138730 Stepp, Raymond	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	603102 (DWO) BELT PRESS 3 CONVEYOR (09CONV02)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment Manufacturer</b>		<b>Estimated Hours</b>	1
<b>Equipment Model</b>	U355 B/SS	<b>Estimated Cost</b>	0.00
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	15.65
<b>Date Started</b>	04/28/2010	<b>Date Completed</b>	07/28/2010

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	GCON	1	1	W056	NEWPP-PM-CONVEYOR
					<i>121419 [08/26/2008 08:43]:</i>
					CLEAN UNIT
					GREASE UNIT
					CHECK WEAR AND ADJUST IF NEEDED
					CHECK FOR ANY LEAKS OR BROKEN ITEMS

WO Actual Labor Hours							
Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	W056	YOUNTS, LYNN	04/28/2010	BASE	0.5	31.30	15.65
					<b>Subtotal</b>		<b>15.65</b>
					<b>Total</b>		<b>15.65</b>

<b>Work Order</b>	288227 (DWO) NEWPP- CONVEYOR (CONVWEEKLY)	<b>Scheduled Start Date</b>	08/04/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W056 NEWPP- CONVEYOR (CONVWEEKLY)	<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	603102 (DWO) BELT PRESS 3 CONVEYOR (09CONV02)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>		<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>	U355 B/SS	<b>Estimated Cost</b>	0.00
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	06/06/2011

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	GCON	1	1	W056	NEWPP-PM-CONVEYOR
					<i>121419 [08/26/2008 08:43]:</i>
					CLEAN UNIT
					GREASE UNIT
					CHECK WEAR AND ADJUST IF NEEDED
					CHECK FOR ANY LEAKS OR BROKEN ITEMS

<b>Work Order</b>	298101 (DWO) emergency stop switch bad/belt press #3	<b>Scheduled Start Date</b>	08/24/2010
<b>Status</b>	Completed	<b>WO Type</b>	BRKD
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P2
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	ELECT ELECTRICAL PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	102898 Hutchins, Wesley E.	<b>Assigned To</b>	102898
<b>Project</b>		<b>Assigned By</b>	090534
<b>Standard WO</b>			
<b>Equipment</b>	603102 (DWO) BELT PRESS 3 CONVEYOR (09CONV02)		
<b>Location</b>	NEWPP (DWO) (DNE) NEWPS		
<b>Equipment</b>		<b>Estimated Hours</b>	5
<b>Manufacturer</b>			
<b>Equipment Model</b>	U355 B/SS	<b>Estimated Cost</b>	128.58
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	124.39
<b>Date Started</b>	08/24/2010	<b>Date Completed</b>	08/24/2010

**Work Order Comments**

*133895 [08/24/2010 11:12]:*  
 emergency stop switch bad/  
 08/24/10  
 102898 2hrs  
 133895 2hrs  
 135758 1hr

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	523.2	2	1		
2	528.2	2	1		
3	514.5	1	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		HUTCHINS, WESLEY	08/24/2010	BASE	2	26.77	53.54
					<b>Subtotal</b>		<b>53.54</b>
2		TRUJILLO, KEVIN	08/24/2010	BASE	2	25.42	50.84
					<b>Subtotal</b>		<b>50.84</b>
3		BROOKES, ROGER	08/24/2010	BASE	1	20.01	20.01
					<b>Subtotal</b>		<b>20.01</b>
					<b>Total</b>		<b>124.39</b>

<b>Work Order</b>	376566 (DWO) NEWPP- CONVEYOR (CONVWEEKLY)	<b>Scheduled Start Date</b>	06/08/2011
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W056 NEWPP- CONVEYOR (CONVWEEKLY)	<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	603102 (DWO) BELT PRESS 3 CONVEYOR (09CONV02)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment Manufacturer</b>		<b>Estimated Hours</b>	0.25
<b>Equipment Model</b>	U355 B/SS	<b>Estimated Cost</b>	0.00
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	GCON	0.25	1	W056	NEWPP-PM-CONVEYOR
					<i>121419 [08/26/2008 08:43]:</i>
					CLEAN UNIT
					GREASE UNIT
					CHECK WEAR AND ADJUST IF NEEDED
					CHECK FOR ANY LEAKS OR BROKEN ITEMS

<b>Work Order</b>	523303 (DWO) BELT IS ABOUT TO BREAK IN HALF	<b>Scheduled Start Date</b>	08/18/2011
<b>Status</b>	Work in Progress	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P1
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	137967 Pamela Thomas	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	603102 (DWO) BELT PRESS 3 CONVEYOR (09CONV02)		
<b>Location</b>	165 (DWO) NORTHEAST WATER PURIFICATION PLANT		
<b>Equipment</b>		<b>Estimated Hours</b>	30
<b>Manufacturer</b>			
<b>Equipment Model</b>	U355 B/SS	<b>Estimated Cost</b>	722.00
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	920.64
<b>Date Started</b>	08/19/2011	<b>Date Completed</b>	

**Work Order Comments**

**137967 [08/18/2011 19:49]:**

ROGER BROOKES HAS BEEN CALLED OUT TO FIX.

**131159 [08/23/2011 08:44]:**

Asset changed from original request of Belt Press 3 to Belt Press 1 per Joe W. Installed Belt on 8/22/2011 (\$1,200). Wesley, Kevin and roger worked 6 Hours OT on 8/19/2011 abd 2.50 OT on 8/22/2011.

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.6	10	1		
2	528.2	10	1		
3	523.2	10	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		BROOKES, ROGER	08/19/2011	O	6	30.02	180.12
		BROOKES, ROGER	08/22/2011	O	2.5	30.02	75.05
						<b>Subtotal</b>	<b>255.17</b>
2		TRUJILLO, KEVIN	08/19/2011	O	6	38.13	228.78
		TRUJILLO, KEVIN	08/22/2011	O	2.5	38.13	95.33
						<b>Subtotal</b>	<b>324.11</b>
3		HUTCHINS, WESLEY	08/19/2011	BASE	6	26.77	160.62
		HUTCHINS, WESLEY	08/19/2011	O	6	40.16	240.96
		HUTCHINS, WESLEY	08/19/2011	BASE	-6	26.77	-160.62
		HUTCHINS, WESLEY	08/22/2011	O	2.5	40.16	100.40
						<b>Subtotal</b>	<b>341.36</b>
						<b>Total</b>	<b>920.64</b>

<b>Work Order</b>	527639 (DWO) NEWPP- CONVEYOR (CONVWEEKLY)	<b>Scheduled Start Date</b>	08/31/2011
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W056 NEWPP- CONVEYOR (CONVWEEKLY)	<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	NA NOT APPLICABLE	<b>Equip Criticality</b>	
<b>Reported By</b>	133897 Kenley, Eric Scott	<b>Assigned To</b>	133897
<b>Project</b>		<b>Assigned By</b>	090534
<b>Standard WO</b>			
<b>Equipment</b>	603102 (DWO) BELT PRESS 3 CONVEYOR (09CONV02)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment Manufacturer</b>		<b>Estimated Hours</b>	1.25
<b>Equipment Model</b>	U355 B/SS	<b>Estimated Cost</b>	25.42
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	12.71
<b>Date Started</b>	08/31/2011	<b>Date Completed</b>	08/31/2011

**Work Order Comments**

*131159 [08/31/2011 16:12]:*  
527639-Belt Press 3 conveyor weekly-0.5hrs-OK-Please close

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	GCON	0.25	1	W056	NEWPP-PM-CONVEYOR
					<i>121419 [08/26/2008 08:43]:</i> CLEAN UNIT GREASE UNIT CHECK WEAR AND ADJUST IF NEEDED CHECK FOR ANY LEAKS OR BROKEN ITEMS
2	528.2	1	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
2		KENLEY, ERIC	08/31/2011	BASE	0.5	25.42	12.71
					<b>Subtotal</b>		<b>12.71</b>
					<b>Total</b>		<b>12.71</b>

<b>Work Order</b>	530210 (DWO) NEWPP- CONVEYOR (CONVWEEKLY)	<b>Scheduled Start Date</b>	09/07/2011
<b>Status</b>	Work in Progress	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	W056 NEWPP- CONVEYOR (CONVWEEKLY)	<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	603102 (DWO) BELT PRESS 3 CONVEYOR (09CONV02)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment Manufacturer</b>		<b>Estimated Hours</b>	0.25
<b>Equipment Model</b>	U355 B/SS	<b>Estimated Cost</b>	6.36
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	0.25	1	W056	NEWPP-PM-CONVEYOR
	<i>121419 [08/26/2008 08:43]:</i>				
	CLEAN UNIT				
	GREASE UNIT				
	CHECK WEAR AND ADJUST IF NEEDED				
	CHECK FOR ANY LEAKS OR BROKEN ITEMS				

<b>Work Order</b>	113806 (DWO) NEWPP-Sump Pumps, Goulds - S/PMTHLY	<b>Scheduled Start Date</b>	03/04/2009
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	M048 NEWPP-Sump Pumps, Goulds - S/PMTHLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602828 (DWO) RSP 7101 SLUDGE PIT 1 SUMP PUMP 1 (09SP05)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>		<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	A0541517	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	04/02/2009

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	M048	NEWPP-PM-Sump Pumps, Goulds
					<b>121419 [08/26/2008 09:05]:</b>
					- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)
					- LOCKOUT/TAGOUT EQUIPMENT
					- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-
					- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION
					Control Panels
					Monthly
					- Check bulbs in all indicator light fixtures
					- Inspect

<b>Work Order</b>	121383 (DWO) NEWPP-Sump Pumps, Goulds - S/PMTHLY	<b>Scheduled Start Date</b>	04/04/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	M048 NEWPP-Sump Pumps, Goulds - S/PMTHLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	133895
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602828 (DWO) RSP 7101 SLUDGE PIT 1 SUMP PUMP 1 (09SP05)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment Manufacturer</b>		<b>Estimated Hours</b>	1.25
<b>Equipment Model</b>		<b>Estimated Cost</b>	30.56
<b>Equipment Serial Number</b>	A0541517	<b>Actual Cost</b>	4.62
<b>Date Started</b>	04/22/2009	<b>Date Completed</b>	04/24/2009

**Work Order Comments**

*128330 [04/23/2009 09:48]:*  
LOOKED OVER UNIT LISTEN FOR NOISE

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	M048	NEWPP-PM-Sump Pumps, Goulds
					<i>121419 [08/26/2008 09:05]:</i>
					- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)
					- LOCKOUT/TAGOUT EQUIPMENT
					- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-
					- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION
					Control Panels
					Monthly
					- Check bulbs in all indicator light fixtures
					- Inspect
2	528.2	0.25	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
2		TRUJILLO, KEVIN	04/22/2009	N	0.25	18.46	4.62
					<b>Subtotal</b>		<b>4.62</b>
					<b>Total</b>		<b>4.62</b>

<b>Work Order</b>	178274 (DWO) NEWPP-SUMP PUMPS, GOULDS (ANNUAL)- S/PANN	<b>Scheduled Start Date</b>	09/24/2009
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	A104 NEWPP-SUMP PUMPS, GOULDS (ANNUAL)- S/PANN	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602828 (DWO)	RSP 7101 SLUDGE PIT 1 SUMP PUMP 1 (09SP05)	
<b>Location</b>	ST-P/S (DWO)	(DNE) SLUDGE THICKENER - P/S	
<b>Equipment Manufacturer</b>		<b>Estimated Hours</b>	1
<b>Equipment Model</b>		<b>Estimated Cost</b>	25.42
<b>Equipment Serial Number</b>	A0541517	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	1	A104	NEWPP-PM-SUMP PUMPS, GOULDS
<b>121419 [08/26/2008 09:05]:</b> - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS) - LOCKOUT/TAGOUT EQUIPMENT - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT- - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION Model S 40-160 Yearly. Visually inspect electric cables. Check the cables for c					

<b>Work Order</b>	87654 (DWO) NEWPP-Sump Pumps, Goulds - S/PMTHLY	<b>Scheduled Start Date</b>	02/05/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	
<b>PM Code</b>	M048 NEWPP-Sump Pumps, Goulds - S/PMTHLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602828 (DWO)	RSP 7101 SLUDGE PIT 1 SUMP PUMP 1 (09SP05)	
<b>Location</b>	ST-P/S (DWO)	(DNE) SLUDGE THICKENER - P/S	
<b>Equipment Manufacturer</b>		<b>Estimated Hours</b>	1
<b>Equipment Model</b>		<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	A0541517	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	01/29/2009

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	M048	NEWPP-PM-Sump Pumps, Goulds
<i>121419 [08/26/2008 09:05]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
Control Panels					
Monthly					
- Check bulbs in all indicator light fixtures					
- Inspect					

<b>Work Order</b>	113807 (DWO) NEWPP-Sump Pumps, Goulds - S/PMTHLY	<b>Scheduled Start Date</b>	03/04/2009
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	M048 NEWPP-Sump Pumps, Goulds - S/PMTHLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602829 (DWO) RSP 7102 SLUDGE PIT 1 SUMP PUMP 2 (09SP06)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>		<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	A0541517	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	04/02/2009

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	M048	NEWPP-PM-Sump Pumps, Goulds
					<b>121419 [08/26/2008 09:05]:</b>
					- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)
					- LOCKOUT/TAGOUT EQUIPMENT
					- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-
					- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION
					Control Panels
					Monthly
					- Check bulbs in all indicator light fixtures
					- Inspect

<b>Work Order</b>	121384 (DWO) NEWPP-Sump Pumps, Goulds - S/PMTHLY	<b>Scheduled Start Date</b>	04/04/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	M048 NEWPP-Sump Pumps, Goulds - S/PMTHLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	133895
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602829 (DWO) RSP 7102 SLUDGE PIT 1 SUMP PUMP 2 (09SP06)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment Manufacturer</b>		<b>Estimated Hours</b>	1.25
<b>Equipment Model</b>		<b>Estimated Cost</b>	30.56
<b>Equipment Serial Number</b>	A0541517	<b>Actual Cost</b>	4.62
<b>Date Started</b>	04/22/2009	<b>Date Completed</b>	04/24/2009

**Work Order Comments**

*128330 [04/23/2009 09:45]:*  
 LOOKED OVER UNIT CK FLOATS RAN OK LISTEN FOR NOISE

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	M048	NEWPP-PM-Sump Pumps, Goulds
					<i>121419 [08/26/2008 09:05]:</i>
					- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)
					- LOCKOUT/TAGOUT EQUIPMENT
					- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-
					- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION
					Control Panels
					Monthly
					- Check bulbs in all indicator light fixtures
					- Inspect
2	528.2	0.25	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
2		TRUJILLO, KEVIN	04/22/2009	N	0.25	18.46	4.62
					<b>Subtotal</b>		<b>4.62</b>
					<b>Total</b>		<b>4.62</b>

<b>Work Order</b>	178275 (DWO) NEWPP-SUMP PUMPS, GOULDS (ANNUAL)- S/PANN	<b>Scheduled Start Date</b>	09/24/2009
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	A104 NEWPP-SUMP PUMPS, GOULDS (ANNUAL)- S/PANN	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602829 (DWO)		RSP 7102 SLUDGE PIT 1 SUMP PUMP 2 (09SP06)
<b>Location</b>	ST-P/S (DWO)		(DNE) SLUDGE THICKENER - P/S
<b>Equipment</b>		<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	25.42
<b>Equipment Serial Number</b>	A0541517	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	1	A104	NEWPP-PM-SUMP PUMPS, GOULDS
					<b>121419 [08/26/2008 09:05]:</b>
					- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)
					- LOCKOUT/TAGOUT EQUIPMENT
					- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-
					- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION
					Model S 40-160
					Yearly.
					Visually inspect electric cables.
					Check the cables for c

<b>Work Order</b>	87655 (DWO) NEWPP-Sump Pumps, Goulds - S/PMTHLY	<b>Scheduled Start Date</b>	02/05/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	
<b>PM Code</b>	M048 NEWPP-Sump Pumps, Goulds - S/PMTHLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602829 (DWO) RSP 7102 SLUDGE PIT 1 SUMP PUMP 2 (09SP06)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>		<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	A0541517	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	01/29/2009

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	M048	NEWPP-PM-Sump Pumps, Goulds
					<b>121419 [08/26/2008 09:05]:</b>
					- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)
					- LOCKOUT/TAGOUT EQUIPMENT
					- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-
					- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION
					Control Panels
					Monthly
					- Check bulbs in all indicator light fixtures
					- Inspect

<b>Work Order</b>	113808 (DWO) NEWPP-Sump Pumps, Goulds - S/PMTHLY	<b>Scheduled Start Date</b>	03/04/2009
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	M048 NEWPP-Sump Pumps, Goulds - S/PMTHLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602837 (DWO) RSP 7101 SLUDGE PIT 2 SUMP PUMP 1 (09SP205)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>		<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	A0541517	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	04/02/2009

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	M048	NEWPP-PM-Sump Pumps, Goulds
					<b>121419 [08/26/2008 09:05]:</b>
					- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)
					- LOCKOUT/TAGOUT EQUIPMENT
					- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-
					- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION
					Control Panels
					Monthly
					- Check bulbs in all indicator light fixtures
					- Inspect

<b>Work Order</b>	178277 (DWO) NEWPP-SUMP PUMPS, GOULDS (ANNUAL)- S/PANN	<b>Scheduled Start Date</b>	12/09/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	A104 NEWPP-SUMP PUMPS, GOULDS (ANNUAL)- S/PANN	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602837 (DWO) RSP 7101 SLUDGE PIT 2 SUMP PUMP 1 (09SP205)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>		<b>Estimated Hours</b>	2
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	49.62
<b>Equipment Serial Number</b>	A0541517	<b>Actual Cost</b>	20.01
<b>Date Started</b>	12/09/2009	<b>Date Completed</b>	01/25/2010

**Work Order Comments**

*135758 [12/09/2009 08:11]:*  
 12/09/09 - 1hr  
 test run pump working ok

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	1	A104	NEWPP-PM-SUMP PUMPS, GOULDS
					<i>121419 [08/26/2008 09:05]:</i> - BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS) - LOCKOUT/TAGOUT EQUIPMENT - ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT- - CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION Model S 40-160 Yearly. Visually inspect electric cables. Check the cables for c
2	514.5	1	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
2		BROOKES, ROGER	12/09/2009	N	1	20.01	20.01
					<b>Subtotal</b>		<b>20.01</b>
					<b>Total</b>		<b>20.01</b>

<b>Work Order</b>	232350 (DWO) NEWPP-SUMP PUMPS, GOULDS (ANNUAL)- S/PANN	<b>Scheduled Start Date</b>	01/25/2011
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	A104 NEWPP-SUMP PUMPS, GOULDS (ANNUAL)- S/PANN	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	138730 Stepp, Raymond	<b>Assigned To</b>	133895
<b>Project</b>		<b>Assigned By</b>	090534
<b>Standard WO</b>			
<b>Equipment</b>	602837 (DWO) RSP 7101 SLUDGE PIT 2 SUMP PUMP 1 (09SP205)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>		<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	25.42
<b>Equipment Serial Number</b>	A0541517	<b>Actual Cost</b>	12.71
<b>Date Started</b>	02/21/2011	<b>Date Completed</b>	02/21/2011

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	1	A104	NEWPP-PM-SUMP PUMPS, GOULDS
					<i>121419 [08/26/2008 09:05]:</i>
					- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)
					- LOCKOUT/TAGOUT EQUIPMENT
					- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-
					- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION
					Model S 40-160
					Yearly.
					Visually inspect electric cables.
					Check the cables for c

WO Actual Labor Hours							
Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	A104	TRUJILLO, KEVIN	02/21/2011	BASE	0.5	25.42	12.71
					<b>Subtotal</b>		<b>12.71</b>
					<b>Total</b>		<b>12.71</b>

<b>Work Order</b>	233187 (DWO) Sump Pumps in Sludge Pit (North and South) Not Working. See Comments.	<b>Scheduled Start Date</b>	01/28/2010
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	090534 Williams, Joseph O.	<b>Assigned To</b>	133895
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	602837 (DWO) RSP 7101 SLUDGE PIT 2 SUMP PUMP 1 (09SP205)		
<b>Location</b>			
<b>Equipment</b>		<b>Estimated Hours</b>	6
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	157.12
<b>Equipment Serial Number</b>	A0541517	<b>Actual Cost</b>	129.25
<b>Date Started</b>	01/28/2010	<b>Date Completed</b>	02/03/2010

**Work Order Comments**

**138190 [01/28/2010 08:23]:**

INFOR would not accept Equipment #s 602828, 602829 or 602836 so used equipment number 602837. - LDY

**133897 [01/28/2010 11:01]:**

Job complete

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	2.5	1		
2	514.5	2.5	1		
3	803.2	1	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		TRUJILLO, KEVIN	01/28/2010	N	2.5	18.46	46.15
					<b>Subtotal</b>		<b>46.15</b>
2		BROOKES, ROGER	01/28/2010	N	2.5	20.01	50.03
					<b>Subtotal</b>		<b>50.03</b>
3		BESHEARS, GARLAND	01/28/2010	BASE	1	33.07	33.07
					<b>Subtotal</b>		<b>33.07</b>
					<b>Total</b>		<b>129.25</b>

<b>Work Order</b>	250470 (DWO) NEWPP-Sump Pumps, Goulds - S/PMTHLY	<b>Scheduled Start Date</b>	07/25/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	M048 NEWPP-Sump Pumps, Goulds - S/PMTHLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	133897
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602837 (DWO) RSP 7101 SLUDGE PIT 2 SUMP PUMP 1 (09SP205)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>		<b>Estimated Hours</b>	1.25
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	30.56
<b>Equipment Serial Number</b>	A0541517	<b>Actual Cost</b>	6.36
<b>Date Started</b>	07/25/2010	<b>Date Completed</b>	07/26/2010

**Work Order Comments**

*128330 [07/29/2010 13:03]:*  
checked working ok

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	M048	NEWPP-PM-Sump Pumps, Goulds
					<i>121419 [08/26/2008 09:05]:</i>
					- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)
					- LOCKOUT/TAGOUT EQUIPMENT
					- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-
					- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION
					Control Panels
					Monthly
					- Check bulbs in all indicator light fixtures
					- Inspect
2	528.2	0.25	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
2		KENLEY, ERIC	07/26/2010	BASE	0.25	25.42	6.36
					<b>Subtotal</b>		<b>6.36</b>
					<b>Total</b>		<b>6.36</b>

<b>Work Order</b>	288879 (DWO) NEWPP-Sump Pumps, Goulds - S/PMTHLY	<b>Scheduled Start Date</b>	08/27/2010
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	M048 NEWPP-Sump Pumps, Goulds - S/PMTHLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	138730 Stepp, Raymond	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602837 (DWO) RSP 7101 SLUDGE PIT 2 SUMP PUMP 1 (09SP205)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>		<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	A0541517	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	M048	NEWPP-PM-Sump Pumps, Goulds
					<b>121419 [08/26/2008 09:05]:</b>
					- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)
					- LOCKOUT/TAGOUT EQUIPMENT
					- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-
					- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION
					Control Panels
					Monthly
					- Check bulbs in all indicator light fixtures
					- Inspect

<b>Work Order</b>	527828 (DWO) NEWPP-Sump Pumps, Goulds - S/PMTHLY	<b>Scheduled Start Date</b>	09/03/2011
<b>Status</b>	Work in Progress	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	
<b>PM Code</b>	M048 NEWPP-Sump Pumps, Goulds - S/PMTHLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602837 (DWO) RSP 7101 SLUDGE PIT 2 SUMP PUMP 1 (09SP205)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>		<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	A0541517	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	M048	NEWPP-PM-Sump Pumps, Goulds
					<b>121419 [08/26/2008 09:05]:</b>
					- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)
					- LOCKOUT/TAGOUT EQUIPMENT
					- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-
					- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION
					Control Panels
					Monthly
					- Check bulbs in all indicator light fixtures
					- Inspect

<b>Work Order</b>	87656 (DWO) NEWPP-Sump Pumps, Goulds - S/PMTHLY	<b>Scheduled Start Date</b>	02/05/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	
<b>PM Code</b>	M048 NEWPP-Sump Pumps, Goulds - S/PMTHLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602837 (DWO) RSP 7101 SLUDGE PIT 2 SUMP PUMP 1 (09SP205)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>		<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	A0541517	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	01/29/2009

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	M048	NEWPP-PM-Sump Pumps, Goulds
					<b>121419 [08/26/2008 09:05]:</b>
					- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)
					- LOCKOUT/TAGOUT EQUIPMENT
					- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-
					- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION
					Control Panels
					Monthly
					- Check bulbs in all indicator light fixtures
					- Inspect

<b>Work Order</b>	113809 (DWO) NEWPP-Sump Pumps, Goulds - S/PMTHLY	<b>Scheduled Start Date</b>	03/04/2009
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	M048 NEWPP-Sump Pumps, Goulds - S/PMTHLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality Assigned To</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned By</b>	
<b>Project</b>			
<b>Standard WO</b>			
<b>Equipment</b>	602836 (DWO) RSP 7102 SLUDGE PIT 2 SUMP PUMP 2 (09SP206)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>		<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	A0541506	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	04/02/2009

**Work Order Comments**

**128330 [03/24/2009 14:16]:**

Lamps in all control panels 2 weeks ago will check next next sch.

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	M048	NEWPP-PM-Sump Pumps, Goulds
<b>121419 [08/26/2008 09:05]:</b>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- LOCKOUT/TAGOUT EQUIPMENT					
- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
Control Panels					
Monthly					
- Check bulbs in all indicator light fixtures					
- Inspect					

<b>Work Order</b>	121386 (DWO) NEWPP-Sump Pumps, Goulds - S/PMTHLY	<b>Scheduled Start Date</b>	04/04/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	M048 NEWPP-Sump Pumps, Goulds - S/PMTHLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	133895
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602836 (DWO) RSP 7102 SLUDGE PIT 2 SUMP PUMP 2 (09SP206)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment Manufacturer</b>		<b>Estimated Hours</b>	1.25
<b>Equipment Model</b>		<b>Estimated Cost</b>	30.56
<b>Equipment Serial Number</b>	A0541506	<b>Actual Cost</b>	4.62
<b>Date Started</b>	04/22/2009	<b>Date Completed</b>	04/24/2009

**Work Order Comments**

*128330 [04/23/2009 09:42]:*  
UNIT RUNNING LISTEN FOR NOISE

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	M048	NEWPP-PM-Sump Pumps, Goulds
					<i>121419 [08/26/2008 09:05]:</i>
					- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)
					- LOCKOUT/TAGOUT EQUIPMENT
					- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-
					- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION
					Control Panels
					Monthly
					- Check bulbs in all indicator light fixtures
					- Inspect
2	528.2	0.25	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
2		TRUJILLO, KEVIN	04/22/2009	N	0.25	18.46	4.62
					<b>Subtotal</b>		<b>4.62</b>
					<b>Total</b>		<b>4.62</b>

<b>Work Order</b>	178276 (DWO) NEWPP-SUMP PUMPS, GOULDS (ANNUAL)- S/PANN	<b>Scheduled Start Date</b>	09/24/2009
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	A104 NEWPP-SUMP PUMPS, GOULDS (ANNUAL)- S/PANN	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602836 (DWO)		RSP 7102 SLUDGE PIT 2 SUMP PUMP 2 (09SP206)
<b>Location</b>	ST-P/S (DWO)		(DNE) SLUDGE THICKENER - P/S
<b>Equipment Manufacturer</b>		<b>Estimated Hours</b>	1
<b>Equipment Model</b>		<b>Estimated Cost</b>	25.42
<b>Equipment Serial Number</b>	A0541506	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	1	A104	NEWPP-PM-SUMP PUMPS, GOULDS
	<b>121419 [08/26/2008 09:05]:</b>				
	- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)				
	- LOCKOUT/TAGOUT EQUIPMENT				
	- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-				
	- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION				
	Model S 40-160				
	Yearly.				
	Visually inspect electric cables.				
	Check the cables for c				

<b>Work Order</b>	87657 (DWO) NEWPP-Sump Pumps, Goulds - S/PMTHLY	<b>Scheduled Start Date</b>	02/05/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	
<b>PM Code</b>	M048 NEWPP-Sump Pumps, Goulds - S/PMTHLY	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602836 (DWO) RSP 7102 SLUDGE PIT 2 SUMP PUMP 2 (09SP206)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>		<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	24.20
<b>Equipment Serial Number</b>	A0541506	<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	01/29/2009

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	514.5	1	1	M048	NEWPP-PM-Sump Pumps, Goulds
					<b>121419 [08/26/2008 09:05]:</b>
					- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)
					- LOCKOUT/TAGOUT EQUIPMENT
					- ONCE WORK IS COMPLETE, UNLOCK EQUIPMENT-
					- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION
					Control Panels
					Monthly
					- Check bulbs in all indicator light fixtures
					- Inspect

<b>Work Order</b>	148892 (DWO) NEWPP-VALVES (0041) ANNUAL	<b>Scheduled Start Date</b>	03/24/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	A093 NEWPP-VALVES (0041) ANNUAL	<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	OPS OPERATIONS	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602967 (DWO) VLV 4101 THICKENER 1 INLET VALVE (09V01)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>		<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	25.42
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	9.23
<b>Date Started</b>	04/14/2010	<b>Date Completed</b>	04/22/2010

**Work Order Comments**

*128330 [04/22/2010 10:00]:*  
working ok

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	A093	NEWPP-PM-VALVES
<i>121419 [08/26/2008 08:15]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- OPEN AND CLOSE VALVE					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
- VERIFY WITH OPERATIONS IF POSSIBLE TO DO WITH LIVE LINE.					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	A093	TRUJILLO, KEVIN	04/14/2010	N	0.5	18.46	9.23
						<b>Subtotal</b>	<b>9.23</b>
						<b>Total</b>	<b>9.23</b>

<b>Work Order</b>	251010 (DWO) NEWPP-VALVES (0041) ANNUAL	<b>Scheduled Start Date</b>	04/22/2011
<b>Status</b>	Cancelled	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	A093 NEWPP-VALVES (0041) ANNUAL	<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602967 (DWO) VLV 4101 THICKENER 1 INLET VALVE (09V01)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>		<b>Estimated Hours</b>	10
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	254.20
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	0.00
<b>Date Started</b>		<b>Date Completed</b>	08/29/2011

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	10	2	A093	NEWPP-PM-VALVES
<i>121419 [08/26/2008 08:15]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- OPEN AND CLOSE VALVE					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
- VERIFY WITH OPERATIONS IF POSSIBLE TO DO WITH LIVE LINE.					

<b>Work Order</b>	251989 (DWO)	The south thickener valve needs to be dug up.	<b>Scheduled Start Date</b>	05/04/2010
<b>Status</b>	Completed		<b>WO Type</b>	CM
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>			<b>Safety</b>	N
<b>Problem Code</b>	MAINT	MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	137670	Perry, Marquita	<b>Assigned To</b>	128330
<b>Project</b>			<b>Assigned By</b>	096216
<b>Standard WO</b>				
<b>Equipment</b>	602967 (DWO)	VLV 4101 THICKENER 1 INLET VALVE (09V01)	<b>Estimated Hours</b>	6
<b>Location</b>			<b>Estimated Cost</b>	82.69
<b>Equipment</b>			<b>Actual Cost</b>	197.72
<b>Manufacturer</b>				
<b>Equipment Model</b>				
<b>Equipment Serial Number</b>				
<b>Date Started</b>	05/04/2010		<b>Date Completed</b>	05/18/2010

**Work Order Comments**

*128330 [05/07/2010 13:22]:*

Mr williams dug most of the dirt I help some He found patrs to repair and Roger Brooks and I repaired valve

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	1		
2	576.4	3	1		
3	803.2	1	1		
4	514.5	1	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		TRUJILLO, KEVIN	05/04/2010	BASE	1	25.42	25.42
					<b>Subtotal</b>		<b>25.42</b>
2		WILLIAMS, JOSEPH	05/04/2010	BASE	4	0.00	0.00
					<b>Subtotal</b>		<b>0.00</b>
3		BESHEARS, GARLAND	05/05/2010	BASE	4	33.07	132.28
					<b>Subtotal</b>		<b>132.28</b>
4		BROOKES, ROGER	05/05/2010	BASE	2	20.01	40.02
					<b>Subtotal</b>		<b>40.02</b>
					<b>Total</b>		<b>197.72</b>

<b>Work Order</b>	87523 (DWO) NEWPP-VALVES (0041) ANNUAL	<b>Scheduled Start Date</b>	03/24/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	A093 NEWPP-VALVES (0041) ANNUAL	<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	133895
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602967 (DWO) VLV 4101 THICKENER 1 INLET VALVE (09V01)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>		<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	25.42
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	6.36
<b>Date Started</b>	04/23/2009	<b>Date Completed</b>	06/22/2009

**Work Order Comments**

*128330 [06/19/2009 14:00]:*  
opened closed valve

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	A093	NEWPP-PM-VALVES
<i>121419 [08/26/2008 08:15]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- OPEN AND CLOSE VALVE					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
- VERIFY WITH OPERATIONS IF POSSIBLE TO DO WITH LIVE LINE.					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	A093	TRUJILLO, KEVIN	04/23/2009	BASE	0.25	25.42	6.36
						<b>Subtotal</b>	<b>6.36</b>
						<b>Total</b>	<b>6.36</b>

<b>Work Order</b>	148893 (DWO) NEWPP-VALVES (0041) ANNUAL	<b>Scheduled Start Date</b>	03/24/2010
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	A093 NEWPP-VALVES (0041) ANNUAL	<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>		<b>Equip Criticality</b>	
<b>Reported By</b>		<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	
<b>Standard WO</b>			
<b>Equipment</b>	602968 (DWO) VLV4201 THICKENER 2 INLET VALVE (09V02)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>		<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	25.42
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	9.23
<b>Date Started</b>	04/14/2010	<b>Date Completed</b>	04/22/2010

**Work Order Comments**

*128330 [04/22/2010 10:03]:*  
working ok

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	A093	NEWPP-PM-VALVES
<i>121419 [08/26/2008 08:15]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- OPEN AND CLOSE VALVE					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
- VERIFY WITH OPERATIONS IF POSSIBLE TO DO WITH LIVE LINE.					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	A093	TRUJILLO, KEVIN	04/14/2010	N	0.5	18.46	9.23
						<b>Subtotal</b>	<b>9.23</b>
						<b>Total</b>	<b>9.23</b>

<b>Work Order</b>	251011 (DWO) NEWPP-VALVES (0041) ANNUAL	<b>Scheduled Start Date</b>	03/24/2011
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	A093 NEWPP-VALVES (0041) ANNUAL	<b>Warranty</b>	N
<b>Cost Code</b>	2000040018 DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	138730 Stepp, Raymond	<b>Assigned To</b>	133897
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602968 (DWO) VLV4201 THICKENER 2 INLET VALVE (09V02)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>		<b>Estimated Hours</b>	10
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	254.20
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	25.42
<b>Date Started</b>	03/24/2011	<b>Date Completed</b>	03/24/2011

**Work Order Comments**

*128330 [03/29/2011 14:25]:*  
completed as instructed

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	10	2	A093	NEWPP-PM-VALVES
<i>121419 [08/26/2008 08:15]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- OPEN AND CLOSE VALVE					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
- VERIFY WITH OPERATIONS IF POSSIBLE TO DO WITH LIVE LINE.					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	A093	KENLEY, ERIC	03/24/2011	BASE	1	25.42	25.42
						<b>Subtotal</b>	<b>25.42</b>
						<b>Total</b>	<b>25.42</b>

<b>Work Order</b>	87524 (DWO) NEWPP-VALVES (0041) ANNUAL	<b>Scheduled Start Date</b>	03/24/2009
<b>Status</b>	Completed	<b>WO Type</b>	PM
<b>Parent Work Order</b>		<b>Class</b>	*
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>	A093 NEWPP-VALVES (0041) ANNUAL	<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	133895
<b>Project</b>		<b>Assigned By</b>	128330
<b>Standard WO</b>			
<b>Equipment</b>	602968 (DWO) VLV4201 THICKENER 2 INLET VALVE (09V02)		
<b>Location</b>	ST-P/S (DWO) (DNE) SLUDGE THICKENER - P/S		
<b>Equipment</b>		<b>Estimated Hours</b>	1
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	25.42
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	12.71
<b>Date Started</b>	04/23/2009	<b>Date Completed</b>	06/22/2009

**Work Order Comments**

*128330 [06/19/2009 13:57]:*  
open closed valve

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	1	2	A093	NEWPP-PM-VALVES
<i>121419 [08/26/2008 08:15]:</i>					
- BEFORE BEGINNING TASK, NOTIFY HMI (OPERATIONS)					
- OPEN AND CLOSE VALVE					
- CALL TO NOTIFY HMI (OPERATIONS) OF TASK COMPLETION					
- VERIFY WITH OPERATIONS IF POSSIBLE TO DO WITH LIVE LINE.					

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1	A093	TRUJILLO, KEVIN	04/23/2009	BASE	0.5	25.42	12.71
						<b>Subtotal</b>	<b>12.71</b>
						<b>Total</b>	<b>12.71</b>

<b>Work Order</b>	112295 (DWO) East Thickener inlet valve has no power	<b>Scheduled Start Date</b>	01/13/2009
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P2
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	ELECT ELECTRICAL PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	131465 Odonnell, Christopher M	<b>Assigned To</b>	133897
<b>Project</b>		<b>Assigned By</b>	086056
<b>Standard WO</b>			
<b>Equipment</b>	603080 (DWO) VLV4203 THICKENER 3 INLET VALVE (09V203)		
<b>Location</b>	SLDGE PROC (DWO) (DNE) SLUDGE PROCESSING		
<b>Equipment</b>		<b>Estimated Hours</b>	12
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	321.72
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	473.20
<b>Date Started</b>	01/13/2009	<b>Date Completed</b>	03/03/2009

**Work Order Comments**

*128330 [01/26/2009 12:37]:*

Replaced bad feeders on valve repulled all three phase. bad motor needs to be pulled from unit.

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	523.2	2	1		
2	528.2	4	1		
3	441.2	3	1		
4	514.5	3	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		HUTCHINS, WESLEY	01/13/2009	N	4	26.77	107.08
		HUTCHINS, WESLEY	01/14/2009	N	2	26.77	53.54
					<b>Subtotal</b>		<b>160.62</b>
2		TRUJILLO, KEVIN	01/13/2009	N	4	18.46	73.84
		TRUJILLO, KEVIN	01/14/2009	N	2	18.46	36.92
		KENLEY, ERIC	01/13/2009	N	4	18.46	73.84
		KENLEY, ERIC	01/14/2009	N	3	18.46	55.38
					<b>Subtotal</b>		<b>239.98</b>
4		BROOKES, ROGER	01/13/2009	N	3	24.20	72.60
					<b>Subtotal</b>		<b>72.60</b>
					<b>Total</b>		<b>473.20</b>

<b>Work Order</b>	109538 (DWO)	Set up six inch trash pump to remove sludge from basin.	<b>Scheduled Start Date</b>	12/19/2008
<b>Status</b>	Completed		<b>WO Type</b>	CM
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>			<b>Safety</b>	N
<b>Problem Code</b>	MAINT	MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330	Beshears, Garland W	<b>Assigned To</b>	
<b>Project</b>			<b>Assigned By</b>	086056
<b>Standard WO</b>				
<b>Equipment</b>	603281 (DWO)	RBN-3101 'RECYCLE BASIN 1 (10BAS01)		
<b>Location</b>	RECYC POND (DWO)	(DNE) RECYCLE PONDS		
<b>Equipment</b>			<b>Estimated Hours</b>	12
<b>Manufacturer</b>			<b>Estimated Cost</b>	330.76
<b>Equipment Model</b>			<b>Actual Cost</b>	376.76
<b>Equipment Serial Number</b>				
<b>Date Started</b>	12/19/2008		<b>Date Completed</b>	12/26/2008

**Work Order Comments**

*128330 [12/22/2008 10:34]:*

Move pump in place and make up fittings to put pump in service, suction and discharge

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	4	1		
2	514.5	4	1		
3	803.2	4	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		TRUJILLO, KEVIN	12/19/2008	N	4	18.46	73.84
		KENLEY, ERIC	12/19/2008	N	4	18.46	73.84
					<b>Subtotal</b>		<b>147.68</b>
2		BROOKES, ROGER	12/19/2008	N	4	24.20	96.80
							<b>Subtotal</b>
3		BESHEARS, GARLAND	12/19/2008	N	4	33.07	132.28
							<b>Subtotal</b>
					<b>Total</b>		<b>376.76</b>

<b>Work Order</b>	118370 (DWO) Remove the Mud out of Recycle Pond #1/#2	<b>Scheduled Start Date</b>	03/10/2009
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P2
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	131465 Odonnell, Christopher M	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	603281 (DWO) RBN-3101 'RECYCLE BASIN 1 (10BAS01)		
<b>Location</b>	RECYC POND (DWO) (DNE) RECYCLE PONDS		
<b>Equipment</b>		<b>Estimated Hours</b>	35
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	1,073.66
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	3,258.07
<b>Date Started</b>	03/17/2009	<b>Date Completed</b>	03/31/2009

**Work Order Comments**

*128330 [03/23/2009 08:44]:*  
 BASIN WAS PUMPED DOWN AND WASHED OUT.

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	523.2	7	1		
2	528.2	7	1		
3	801.2	7	1		
4	803.2	7	1		
5	514.5	7	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		HUTCHINS, WESLEY	03/17/2009	OTSS	2	0.00	0.00
		HUTCHINS, WESLEY	03/17/2009	N	1	26.77	26.77
		HUTCHINS, WESLEY	03/17/2009	N	6	26.77	160.62
		HUTCHINS, WESLEY	03/18/2009	OTSS	1	0.00	0.00
		HUTCHINS, WESLEY	03/18/2009	N	3	26.77	80.31
		HUTCHINS, WESLEY	03/19/2009	N	7	26.77	187.39
		HUTCHINS, WESLEY	03/20/2009	N	5	26.77	133.85
				<b>Subtotal</b>			<b>588.94</b>
2		TRUJILLO, KEVIN	03/17/2009	OTSS	2	0.00	0.00
		TRUJILLO, KEVIN	03/17/2009	N	7	18.46	129.22
		TRUJILLO, KEVIN	03/18/2009	OTSS	1	0.00	0.00
		TRUJILLO, KEVIN	03/18/2009	N	3	18.46	55.38

Work Order	118370 (DWO)	Remove the Mud out of Recycle Pond #1/#2	Scheduled Start Date	03/10/2009		
Status	Completed	WO Type	CM			
2	TRUJILLO, KEVIN	03/19/2009	OTSS	2	0.00	0.00
	TRUJILLO, KEVIN	03/19/2009	N	7	18.46	129.22
	TRUJILLO, KEVIN	03/20/2009	N	5	18.46	92.30
	KENLEY, ERIC	03/17/2009	N	5	18.46	92.30
			<b>Subtotal</b>		<b>498.42</b>	
3	WILLIAMS, JOSEPH	03/17/2009	N	9	43.92	395.28
	WILLIAMS, JOSEPH	03/18/2009	N	9	43.92	395.28
	WILLIAMS, JOSEPH	03/19/2009	N	9	43.92	395.28
			<b>Subtotal</b>		<b>1,185.84</b>	
4	BESHEARS, GARLAND	03/17/2009	OTSS	2	0.00	0.00
	BESHEARS, GARLAND	03/17/2009	N	7	33.07	231.49
	BESHEARS, GARLAND	03/18/2009	N	7	33.07	231.49
	BESHEARS, GARLAND	03/18/2009	N	7	33.07	231.49
	BESHEARS, GARLAND	03/18/2009	N	-7	33.07	-231.49
	BESHEARS, GARLAND	03/19/2009	N	7	33.07	231.49
			<b>Subtotal</b>		<b>694.47</b>	
5	BROOKES, ROGER	03/18/2009	N	5	24.20	121.00
	BROOKES, ROGER	03/19/2009	N	7	24.20	169.40
	BROOKES, ROGER	03/19/2009	OTSS	2	0.00	0.00
			<b>Subtotal</b>		<b>290.40</b>	
			<b>Total</b>		<b>3,258.07</b>	

<b>Work Order</b>	176134 (DWO) Pump Mud from Basin 1.	<b>Scheduled Start Date</b>	09/09/2009
<b>Status</b>	Completed	<b>WO Type</b>	BRKD
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	133895
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	603281 (DWO) RBN-3101 'RECYCLE BASIN 1 (10BAS01)		
<b>Location</b>		<b>Estimated Hours</b>	17
<b>Equipment</b>		<b>Estimated Cost</b>	477.15
<b>Manufacturer</b>		<b>Actual Cost</b>	1,767.74
<b>Equipment Model</b>			
<b>Equipment Serial Number</b>			
<b>Date Started</b>	09/09/2009	<b>Date Completed</b>	09/17/2009

**Work Order Comments**

*128330 [09/16/2009 08:28]:*  
 Cleaning of basin # 1 completed

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	3	1		
2	514.5	7	1		
3	803.2	7	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		TRUJILLO, KEVIN	09/10/2009	N	7	18.46	129.22
		TRUJILLO, KEVIN	09/11/2009	N	7	18.46	129.22
		TRUJILLO, KEVIN	09/14/2009	N	7	18.46	129.22
		BROOKES, ROGER	09/10/2009	N	5	20.01	100.05
		BROOKES, ROGER	09/10/2009	N	7	20.01	140.07
		BROOKES, ROGER	09/10/2009	N	-5	20.01	-100.05
						<b>Subtotal</b>	<b>527.73</b>
2		BROOKES, ROGER	09/09/2009	N	7	20.01	140.07
		BROOKES, ROGER	09/10/2009	N	-5	20.01	-100.05
		BROOKES, ROGER	09/10/2009	N	5	20.01	100.05
		BROOKES, ROGER	09/11/2009	N	5	20.01	100.05
		BROOKES, ROGER	09/14/2009	N	7	20.01	140.07
						<b>Subtotal</b>	<b>380.19</b>
3		BESHEARS, GARLAND	09/10/2009	N	7	33.07	231.49

Work Order	176134 (DWO)	Pump Mud from Basin 1.			Scheduled Start Date	09/09/2009	
Status	Completed				WO Type	BRKD	
3		BESHEARS, GARLAND	09/11/2009	N	7	33.07	231.49
		BESHEARS, GARLAND	09/14/2009	N	5	33.07	165.35
		BESHEARS, GARLAND	09/15/2009	N	7	33.07	231.49
					<b>Subtotal</b>		<b>859.82</b>
					<b>Total</b>		<b>1,767.74</b>

<b>Work Order</b>	176136 (DWO)	Pump Mud from Basin 1.	<b>Scheduled Start Date</b>	09/10/2009
<b>Status</b>	Completed		<b>WO Type</b>	BRKD
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>			<b>Safety</b>	N
<b>Problem Code</b>	MAINT	MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330	Beshears, Garland W	<b>Assigned To</b>	128330
<b>Project</b>			<b>Assigned By</b>	096216
<b>Standard WO</b>				
<b>Equipment</b>	603281 (DWO)	RBN-3101 'RECYCLE BASIN 1 (10BAS01)	<b>Estimated Hours</b>	10
<b>Location</b>			<b>Estimated Cost</b>	307.75
<b>Equipment</b>			<b>Actual Cost</b>	231.49
<b>Manufacturer</b>			<b>Date Completed</b>	09/25/2009
<b>Equipment Model</b>				
<b>Equipment Serial Number</b>				
<b>Date Started</b>	09/10/2009			

**Work Order Comments**

*128330 [09/25/2009 06:50]:*

Worked with crew cleaning mud from basin # 1

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	3	1		
2	803.2	7	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
2		BESHEARS, GARLAND	09/10/2009	N	7	33.07	231.49
						<b>Subtotal</b>	<b>231.49</b>
						<b>Total</b>	<b>231.49</b>

<b>Work Order</b>	249851 (DWO) Clean mud from basin	<b>Scheduled Start Date</b>	04/19/2010
<b>Status</b>	Completed	<b>WO Type</b>	PVM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	128330
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	603281 (DWO) RBN-3101 'RECYCLE BASIN 1 (10BAS01)		
<b>Location</b>		<b>Estimated Hours</b>	21
<b>Equipment</b>			
<b>Manufacturer</b>		<b>Estimated Cost</b>	421.10
<b>Equipment Model</b>		<b>Actual Cost</b>	1,093.36
<b>Equipment Serial Number</b>			
<b>Date Started</b>	04/19/2010	<b>Date Completed</b>	05/18/2010

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	803.2	6	1		
2	576.4	6	1		
3	514.5	5	1		
4	528.2	4	1		

WO Actual Labor Hours							
Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		BESHEARS, GARLAND	04/19/2010	BASE	6	33.07	198.42
		BESHEARS, GARLAND	04/20/2010	BASE	6	33.07	198.42
		BESHEARS, GARLAND	04/21/2010	BASE	6	33.07	198.42
						<b>Subtotal</b>	<b>595.26</b>
2		WILLIAMS, JOSEPH	04/19/2010	BASE	6	0.00	0.00
		WILLIAMS, JOSEPH	04/20/2010	BASE	6	0.00	0.00
		WILLIAMS, JOSEPH	04/21/2010	BASE	6	0.00	0.00
						<b>Subtotal</b>	<b>0.00</b>
3		BROOKES, ROGER	04/19/2010	BASE	4	20.01	80.04
		BROOKES, ROGER	04/20/2010	BASE	4	20.01	80.04
		BROOKES, ROGER	04/21/2010	BASE	4	20.01	80.04
						<b>Subtotal</b>	<b>240.12</b>
4		TRUJILLO, KEVIN	04/19/2010	BASE	2	25.42	50.84
		TRUJILLO, KEVIN	04/20/2010	BASE	3	25.42	76.26
		TRUJILLO, KEVIN	04/21/2010	BASE	2	25.42	50.84
		BROOKES, ROGER	04/19/2010	BASE	4	20.01	80.04

<b>Work Order</b>	249851 (DWO) Clean mud from basin	<b>Scheduled Start Date</b>	04/19/2010
<b>Status</b>	Completed	<b>WO Type</b>	PVM

<b>Subtotal</b>	<u>257.98</u>
<b>Total</b>	<u>1,093.36</u>

<b>Work Order</b>	307164 (DWO)	Pump down basin for valve installation	<b>Scheduled Start Date</b>	09/27/2010
<b>Status</b>	Completed		<b>WO Type</b>	CM
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>	2000040018	DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT	MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330	Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>			<b>Assigned By</b>	096216
<b>Standard WO</b>				
<b>Equipment</b>	603281 (DWO)	RBN-3101 'RECYCLE BASIN 1 (10BAS01)		
<b>Location</b>	NEWPP (DWO)	(DNE) NEWPS		
<b>Equipment Manufacturer</b>			<b>Estimated Hours</b>	27
<b>Equipment Model</b>			<b>Estimated Cost</b>	559.93
<b>Equipment Serial Number</b>			<b>Actual Cost</b>	610.12
<b>Date Started</b>	09/27/2010		<b>Date Completed</b>	09/27/2010

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	7	1		
2	514.5	7	1		
3	523.2	3	1		
4	803.2	4	1		
5	576.4	6	1		

WO Actual Labor Hours							
Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		TRUJILLO, KEVIN	09/27/2010	BASE	3.5	25.42	88.97
		TRUJILLO, KEVIN	09/27/2010	O	3.5	38.13	133.46
					<b>Subtotal</b>		<b>222.43</b>
2		BROOKES, ROGER	09/27/2010	BASE	3.5	20.01	70.04
		BROOKES, ROGER	09/27/2010	O	2.5	30.02	75.05
		BROOKES, ROGER	09/27/2010	BASE	1.5	20.01	30.02
					<b>Subtotal</b>		<b>175.10</b>
3		HUTCHINS, WESLEY	09/27/2010	BASE	3	26.77	80.31
					<b>Subtotal</b>		<b>80.31</b>
4		BESHEARS, GARLAND	09/27/2010	BASE	4	33.07	132.28
					<b>Subtotal</b>		<b>132.28</b>
5		WILLIAMS, JOSEPH	09/27/2010	BASE	6	0.00	0.00
					<b>Subtotal</b>		<b>0.00</b>
					<b>Total</b>		<b>610.12</b>

<b>Work Order</b>	119884 (DWO) REMOVE THE MUD FROM RECYCLE POND # 2	<b>Scheduled Start Date</b>	03/23/2009
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P2
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	133895
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	603288 (DWO) RBN-3102 'RECYCLE BASIN 2 (10BAS02)		
<b>Location</b>	RECYC POND (DWO) (DNE) RECYCLE PONDS		
<b>Equipment</b>		<b>Estimated Hours</b>	36
<b>Manufacturer</b>			
<b>Equipment Model</b>		<b>Estimated Cost</b>	1,086.44
<b>Equipment Serial Number</b>		<b>Actual Cost</b>	1,665.31
<b>Date Started</b>	04/08/2009	<b>Date Completed</b>	04/14/2009

**Work Order Comments**

*128330 [04/13/2009 13:27]:*

Mud was cleaned from basin and area was cleaned up

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	523.2	4	1		
2	803.2	8	1		
3	801.2	8	1		
4	528.2	8	1		
5	514.2	8	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		HUTCHINS, WESLEY	04/08/2009	N	7	26.77	187.39
					<b>Subtotal</b>		<b>187.39</b>
2		BESHEARS, GARLAND	04/08/2009	OTSS	6.5	0.00	0.00
		BESHEARS, GARLAND	04/08/2009	N	8	33.07	264.56
					<b>Subtotal</b>		<b>264.56</b>
3		WILLIAMS, JOSEPH	04/08/2009	N	14	43.92	614.88
					<b>Subtotal</b>		<b>614.88</b>
4		TRUJILLO, KEVIN	04/08/2009	OTSS	1	0.00	0.00
		TRUJILLO, KEVIN	04/08/2009	N	7	18.46	129.22
		TRUJILLO, KEVIN	04/09/2009	N	4	18.46	73.84
		KENLEY, ERIC	04/08/2009	N	4	18.46	73.84
		KENLEY, ERIC	04/09/2009	N	3	18.46	55.38

<b>Work Order</b>	119884 (DWO)	REMOVE THE MUD FROM RECYCLE POND # 2	<b>Scheduled Start Date</b>	03/23/2009
<b>Status</b>	Completed		<b>WO Type</b>	CM

				<b>Subtotal</b>	<b>332.28</b>	
5	BROOKES, ROGER	04/08/2009	OTSS	6.5	0.00	0.00
	BROOKES, ROGER	04/08/2009	N	7	24.20	169.40
	BROOKES, ROGER	04/09/2009	N	4	24.20	96.80
				<b>Subtotal</b>	<b>266.20</b>	
				<b>Total</b>	<b>1,665.31</b>	

<b>Work Order</b>	246137 (DWO) Put in place pump and hose to pump recucle basin # 2	<b>Scheduled Start Date</b>	03/26/2010
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330 Beshears, Garland W	<b>Assigned To</b>	128330
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	603288 (DWO) RBN-3102 'RECYCLE BASIN 2 (10BAS02)		
<b>Location</b>		<b>Estimated Hours</b>	17
<b>Equipment</b>		<b>Estimated Cost</b>	337.19
<b>Manufacturer</b>		<b>Actual Cost</b>	507.01
<b>Equipment Model</b>			
<b>Equipment Serial</b>			
<b>Number</b>			
<b>Date Started</b>	03/26/2010	<b>Date Completed</b>	05/18/2010

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	803.2	5	1		
2	576.4	5	1		
3	514.5	5	1		
4	528.2	2	1		

WO Actual Labor Hours							
Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		BESHEARS, GARLAND	03/26/2010	BASE	5	33.07	165.35
		BESHEARS, GARLAND	03/29/2010	BASE	5	33.07	165.35
					<b>Subtotal</b>		<b>330.70</b>
2		WILLIAMS, JOSEPH	03/26/2010	BASE	5	0.00	0.00
		WILLIAMS, JOSEPH	03/29/2010	BASE	5	0.00	0.00
					<b>Subtotal</b>		<b>0.00</b>
3		BROOKES, ROGER	03/26/2010	BASE	5	20.01	100.05
					<b>Subtotal</b>		<b>100.05</b>
4		TRUJILLO, KEVIN	03/26/2010	BASE	3	25.42	76.26
					<b>Subtotal</b>		<b>76.26</b>
					<b>Total</b>		<b>507.01</b>

<b>Work Order</b>	286185 (DWO)	Clean Inlet Drain & Open Valve at Recycle Basin #2.	<b>Scheduled Start Date</b>	07/22/2010
<b>Status</b>	Completed		<b>WO Type</b>	CM
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P2
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>	2000040018	DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT	MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330	Beshears, Garland W	<b>Assigned To</b>	133895
<b>Project</b>			<b>Assigned By</b>	096216
<b>Standard WO</b>				
<b>Equipment</b>	603288 (DWO)	RBN-3102 'RECYCLE BASIN 2 (10BAS02)		
<b>Location</b>	NEWPP (DWO)	(DNE) NEWPS		
<b>Equipment</b>			<b>Estimated Hours</b>	3
<b>Manufacturer</b>				
<b>Equipment Model</b>			<b>Estimated Cost</b>	75.04
<b>Equipment Serial Number</b>			<b>Actual Cost</b>	45.43
<b>Date Started</b>	07/22/2010		<b>Date Completed</b>	07/22/2010

**Work Order Comments**

*138730 [07/30/2010 13:08]:*  
 Opened up and cleaned out drain

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	2	1		
2	514.5	1	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		TRUJILLO, KEVIN	07/22/2010	BASE	1	25.42	25.42
					<b>Subtotal</b>		<b>25.42</b>
2		BROOKES, ROGER	07/22/2010	BASE	1	20.01	20.01
					<b>Subtotal</b>		<b>20.01</b>
					<b>Total</b>		<b>45.43</b>

<b>Work Order</b>	307163 (DWO)	Pump down basin for valve installation	<b>Scheduled Start Date</b>	09/28/2010
<b>Status</b>	Completed		<b>WO Type</b>	CM
<b>Parent Work Order</b>			<b>Class</b>	
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>			<b>Warranty</b>	N
<b>Cost Code</b>	2000040018	DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT	MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	128330	Beshears, Garland W	<b>Assigned To</b>	135758
<b>Project</b>			<b>Assigned By</b>	096216
<b>Standard WO</b>				
<b>Equipment</b>	603288 (DWO)	RBN-3102 'RECYCLE BASIN 2 (10BAS02)		
<b>Location</b>	NEWPP (DWO)	(DNE) NEWPS		
<b>Equipment Manufacturer</b>			<b>Estimated Hours</b>	22
<b>Equipment Model</b>			<b>Estimated Cost</b>	483.67
<b>Equipment Serial Number</b>			<b>Actual Cost</b>	1,361.33
<b>Date Started</b>	09/28/2010		<b>Date Completed</b>	09/28/2010

**Work Order Comments**

*128330 [10/12/2010 10:19]:*  
worked on cleaning recycle basins

**Activities**

Activity	Trade	Est. Hours	People Req.	Task	Description
1	528.2	4	1		
2	514.5	7	1		
3	523.2	3	1		
4	803.2	4	1		
5	576.4	4	1		

**WO Actual Labor Hours**

Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
2		BROOKES, ROGER	09/28/2010	O	3.25	30.02	97.57
		BROOKES, ROGER	09/28/2010	BASE	3.75	20.01	75.04
					<b>Subtotal</b>		<b>172.60</b>
3		HUTCHINS, WESLEY	09/28/2010	BASE	3	26.77	80.31
							<b>Subtotal</b>
4		BESHEARS, GARLAND	09/28/2010	BASE	6	33.07	198.42
							<b>Subtotal</b>
5		WILLIAMS, JOSEPH	09/28/2010	BASE	6	0.00	0.00
							<b>Subtotal</b>
					<b>Total</b>		<b>451.33</b>

<b>Work Order</b>	324266 (DWO)	Recycle Pond #2 Isolation valve need to be exercised	<b>Scheduled Start Date</b>	12/03/2010
<b>Status</b>	Work in Progress		<b>WO Type</b>	PDM
<b>Parent Work Order</b>				<b>Class</b>
<b>Department</b>	56R10	Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>				<b>Warranty</b>
<b>Cost Code</b>	2000040018	DRINKING WATER (NORTHEAST WATER PURIFICATION PLANT)	<b>Safety</b>	N
<b>Problem Code</b>	MAINT	MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	131465	Odonnell, Christopher M	<b>Assigned To</b>	
<b>Project</b>				<b>Assigned By</b>
<b>Standard WO</b>				096216
<b>Equipment</b>	603288 (DWO)	RBN-3102 'RECYCLE BASIN 2 (10BAS02)		
<b>Location</b>	NEWPP (DWO)	(DNE) NEWPS		
<b>Equipment Manufacturer</b>				<b>Estimated Hours</b>
<b>Equipment Model</b>				2
<b>Equipment Serial Number</b>				<b>Estimated Cost</b>
<b>Date Started</b>				62.60
				<b>Actual Cost</b>
				0.00
				<b>Date Completed</b>

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description

1	441.2	2	1		
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<b>Work Order</b>	79370 (DWO) 303 - host a 480 V phase II between discount and started at UV II	<b>Scheduled Start Date</b>	08/25/2008
<b>Status</b>	Completed	<b>WO Type</b>	CM
<b>Parent Work Order</b>		<b>Class</b>	
<b>Department</b>	56R10 Northeast Water Purification Plant Maint	<b>Priority</b>	P3
<b>PM Code</b>		<b>Warranty</b>	N
<b>Cost Code</b>		<b>Safety</b>	N
<b>Problem Code</b>	MAINT MAINTENANCE PROBLEM	<b>Equip Criticality</b>	
<b>Reported By</b>	134481 Quansah, Bridgette B	<b>Assigned To</b>	
<b>Project</b>		<b>Assigned By</b>	096216
<b>Standard WO</b>			
<b>Equipment</b>	603288 (DWO) RBN-3102 'RECYCLE BASIN 2 (10BAS02)		
<b>Location</b>		<b>Estimated Hours</b>	3
<b>Equipment</b>			
<b>Manufacturer</b>		<b>Estimated Cost</b>	77.61
<b>Equipment Model</b>		<b>Actual Cost</b>	451.06
<b>Equipment Serial Number</b>			
<b>Date Started</b>	08/25/2008	<b>Date Completed</b>	09/08/2008

Activities					
Activity	Trade	Est. Hours	People Req.	Task	Description
1	523.2	1	1		
2	528.2	2	1		

WO Actual Labor Hours							
Activity	Task	Employee	Start Time	Type	Hours	Rate	Line Total
1		HUTCHINS, WESLEY	08/25/2008	N	3	19.46	58.39
		HUTCHINS, WESLEY	08/26/2008	N	2	19.46	38.93
		HUTCHINS, WESLEY	08/29/2008	N	3	19.46	58.39
						<b>Subtotal</b>	<b>155.70</b>
2		TRUJILLO, KEVIN	08/25/2008	N	3	18.46	55.38
		TRUJILLO, KEVIN	08/26/2008	N	2	18.46	36.92
		TRUJILLO, KEVIN	08/29/2008	N	3	18.46	55.38
		KENLEY, ERIC	08/25/2008	N	3	18.46	55.38
		KENLEY, ERIC	08/26/2008	N	2	18.46	36.92
		KENLEY, ERIC	08/29/2008	N	3	18.46	55.38
						<b>Subtotal</b>	<b>295.36</b>
						<b>Total</b>	<b>451.06</b>