

Work Order History by Date with Work Order Notes
07/01/2010 To 07/31/2010

Date Complete	WO#	Equipment	Task Description	Type*	Hours	Total Cost	Lag Time**
7/1/2010	4395	GRAT-PS-MID PRIORITY - Grattan Township Collection System Moderate Priority Pump Stations	Inspect Mid Priority Grattan Township Pump Stations	P	0.00	\$0.00	-1
<p>Notes: Moderate Priority Pump Stations in Grattan Township Requiring Inspections Every Other Week: -BPI-PS #3; BPI-PS #5; BPI-PS #6</p> <p>Record Hour Meter and Calculate Daily Average Run-Times for Each Pump, Clean Grease from Floats, Verify Alarm Light by Actuating High Level Float, and Run Both Pumps in Manual to Scrub Force-Main.</p>							
7/1/2010	4334	G/V-PS-HIGH PRIORITY - Grattan/Vergennes Collection System High Priority Pump Stations	Inspect High Priority Grattan/Vergennes Pump Stations	P	0.00	\$0.00	0
<p>Notes: High Priority Stations in Grattan/Vergennes Collection System Which Requires Inspections Every Week: -BCL-PS #1; 5MILE-PS #2; 5MILE-PS #3; ML-PS #5; RL-PS #15</p> <p>Record Hour Meter and Calculate Daily Average Run-Times for Each Pump, Clean Grease from Floats, Verify Alarm Light by Actuating High Level Float, and Run Both Pumps in Manual to Scrub Force-Main.</p>							
7/5/2010	3710	GRATTAN LAGOONS - Grattan Township WWTF Lagoons	Lagoon Inspections	P	0.00	\$0.00	0
<p>Notes: Visual Observation of Dike Integrity, Vegetation Control, Evidence of Nuisance Animals, Freeboard (2 ft. minimum), and Odors should be documented in the weekly rounds sheet and/or log book.</p>							
7/5/2010	3657	G/V LAGOONS - Grattan/Vergennes WWTF Lagoons	Lagoon Inspections	P	0.00	\$0.00	0
<p>Notes: Visual Observation of Dike Integrity, Vegetation Control, Evidence of Nuisance Animals, Freeboard (2 ft. minimum), and Odors should be documented in the weekly rounds sheet and/or log book.</p>							
7/5/2010	4173	GRAT-PS- HIGH PRIORITY - Grattan Township Collection System High Priority Pump Stations	Inspect High Priority Grattan Township Pump Stations	P	0.00	\$0.00	1
<p>Notes: High Priority Pump Station in Grattan Township Collection System that Require Weekly Inspections: -BPI-PS #1; BPI-PS #3A</p> <p>Record Hour Meter and Calculate Daily Average Run-Times for Each Pump, Clean Grease from Floats, Verify Alarm Light by Actuating High Level Float, and Run Both Pumps in Manual to Scrub Force-Main.</p>							

* WO Types C-Corrective P-Preventative S-Skipped

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7/5/2010	4335	G/V-PS-HIGH PRIORITY - Grattan/Vergennes Collection System High Priority Pump Stations	Inspect High Priority Grattan/Vergennes Pump Stations	P	0.00	\$0.00	-3
<p>Notes: High Priority Stations in Grattan/Vergennes Collection System Which Requires Inspections Every Week: -BCL-PS #1; 5MILE-PS #2; 5MILE-PS #3; ML-PS #5; RL-PS #15</p> <p>Record Hour Meter and Calculate Daily Average Run-Times for Each Pump, Clean Grease from Floats, Verify Alarm Light by Actuating High Level Float, and Run Both Pumps in Manual to Scrub Force-Main.</p>							
7/6/2010	5241	BPI-PS #6 - Big Pine Island Pump Station #6	Alarm Call-Out	C	0.00	\$0.00	0
<p>Notes: Call-out BPI-PS #6: IAI on-call operator, Robert Carlstrom received a high level alarm from BPI-PS #6 around 6:30pm. He monitored the status of the alarm via the mission dialer website. No overflow occurred from the alarm condition.</p>							
7/6/2010	5068	Grat Irrigation Guns - Nelson Irrigation Guns	Check Irrigation Guns	P	0.00	\$0.00	1
<p>Notes:</p>							
7/7/2010	1121	ML-GPS #19 - Murray Lake Grinder Pump Station #19	Inspect Grinder Pump Station	P	0.00	\$0.00	6
<p>Notes: Record Hour Meter and Calculate Daily Average Run-Times for Each Pump, Clean Grease from Floats, Verify Alarm Light by Actuating High Level Float, and Run Both Pumps in Manual to Scrub Force-Main.</p>							
7/7/2010	5243	5MILE-PS #15 - 5 Mile Pump Station #15	Alarm Call-Out	C	0.00	\$0.00	0
<p>Notes: 7-7-2010 High Level Alarm Call-out ML-PS #15: IAI on-call operator, Robert Carlstrom received a high level alarm from BPI-PS #6 around 12:50pm. Due to high flows entering the station it was determined one pump couldn't keep up with the flow. The alternator by-pass was turned off; with both pumps running in tandem the station can more adequately keep up with the flow. This is a temporary solution until one of the pumps is upsized. No overflow occurred from the alarm condition.</p>							
7/7/2010	5242	BPI-PS #6 - Big Pine Island Pump Station #6	Alarm Call-Out	C	0.00	\$0.00	0
<p>Notes: 7-7-2010 High Level Alarm Call-out BPI-PS #6: IAI on-call operator, Robert Carlstrom received a high level alarm from BPI-PS #6 around 11:45am. Due to high flows entering the station it was determined one pump couldn't keep up with the flow. The alternator by-pass was turned off; with both pumps running in tandem the station can more adequately keep up with the flow. This is a temporary solution until one of the pumps is upsized. No overflow occurred from the alarm condition.</p>							
7/9/2010	5244	BPI-PS #1 - Big Pine Island Pump Station #1	Corrective	C	0.00	\$0.00	0
<p>Notes: 7-9-2010 IAI operator Robert Carlstrom and IAI Mechanic Bob Stephens pulled BPI-PS #1 pump 2 and brought it to Fixall Electric to replace the seals in pump 2. Pump 2 was installed on 7/22/2010.</p>							
7/12/2010	2284	Generator #1 - Portable Generator #1	Exercise & PM Portable Generators	P	0.00	\$0.00	-4

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Date Complete	WO#	Equipment	Task Description	Type*	Hours	Total Cost	Lag Time**
		Notes: Run Generator, Check Oil Level, Check Radiator Coolant Level, Check Diesel Fuel Level, Check Brake/Turn Signal/Hazard Lights, and Tire Pressure.					
7/12/2010	4423	G/V-PS-MID PRIORITY - Grattan/Vergennes Collection System Moderate Priority Pump Stations	Inspect Mid Priority Grattan/Vergennes Pump Stations	P	0.00	\$0.00	1
		Notes: Pump Stations in the Grattan/Vergennes with Moderate Priority Requiring Inspections Every Other Week: -5MILE-PS #3; ML-PS #6; ML-PS #7; ML-PS #8A; ML-PS #8; ML-PS #9; ML-PS #10; ML-PS #12; ML-PS #14; ML-PS #15 Record Hour Meter and Calculate Daily Average Run-Times for Each Pump, Clean Grease from Floats, Verify Alarm Light by Actuating High Level Float, and Run Both Pumps in Manual to Scrub Force-Main.					
7/12/2010	3658	G/V LAGOONS - Grattan/Vergennes WWTF Lagoons	Lagoon Inspections	P	0.00	\$0.00	0
		Notes: Visual Observation of Dike Integrity, Vegetation Control, Evidence of Nuisance Animals, Freeboard (2 ft. minimum), and Odors should be documented in the weekly rounds sheet and/or log book.					
7/12/2010	2298	Generator #2 - Portable Generator #2	Exercise & PM Portable Generators	P	0.00	\$0.00	-4
		Notes: Run Generator, Check Oil Level, Check Radiator Coolant Level, Check Diesel Fuel Level, Check Brake/Turn Signal/Hazard Lights, and Tire Pressure.					
7/12/2010	4174	GRAT-PS- HIGH PRIORITY - Grattan Township Collection System High Priority Pump Stations	Inspect High Priority Grattan Township Pump Stations	P	0.00	\$0.00	0
		Notes: High Priority Pump Station in Grattan Township Collection System that Require Weekly Inspections: -BPI-PS #1; BPI-PS #3A Record Hour Meter and Calculate Daily Average Run-Times for Each Pump, Clean Grease from Floats, Verify Alarm Light by Actuating High Level Float, and Run Both Pumps in Manual to Scrub Force-Main.					
7/12/2010	3711	GRATTAN LAGOONS - Grattan Township WWTF Lagoons	Lagoon Inspections	P	0.00	\$0.00	0
		Notes: Visual Observation of Dike Integrity, Vegetation Control, Evidence of Nuisance Animals, Freeboard (2 ft. minimum), and Odors should be documented in the weekly rounds sheet and/or log book.					
7/12/2010	5069	Grat Irrigation Guns - Nelson Irrigation Guns	Check Irrigation Guns	P	0.00	\$0.00	-1
		Notes:					
7/12/2010	4336	G/V-PS-HIGH PRIORITY - Grattan/Vergennes Collection System High Priority Pump Stations	Inspect High Priority Grattan/Vergennes Pump Stations	P	0.00	\$0.00	0

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Date Complete	WO#	Equipment	Task Description	Type*	Hours	Total Cost	Lag Time**
		<p>Notes: High Priority Stations in Grattan/Vergennes Collection System Which Requires Inspections Every Week: -BCL-PS #1; 5MILE-PS #2; 5MILE-PS #3; ML-PS #5; RL-PS #15</p> <p>Record Hour Meter and Calculate Daily Average Run-Times for Each Pump, Clean Grease from Floats, Verify Alarm Light by Actuating High Level Float, and Run Both Pumps in Manual to Scrub Force-Main.</p>					
7/15/2010	4396	GRAT-PS-MID PRIORITY - Grattan Township Collection System Moderate Priority Pump Stations	Inspect Mid Priority Grattan Township Pump Stations	P	0.00	\$0.00	0
		<p>Notes: Moderate Priority Pump Stations in Grattan Township Requiring Inspections Every Other Week: -BPI-PS #3; BPI-PS #5; BPI-PS #6</p> <p>Record Hour Meter and Calculate Daily Average Run-Times for Each Pump, Clean Grease from Floats, Verify Alarm Light by Actuating High Level Float, and Run Both Pumps in Manual to Scrub Force-Main.</p>					
7/17/2010	5247	ML-PS #7 - Murray Lake Pump Station #7	Alarm Call-Out	C	0.00	\$0.00	0
		<p>Notes: 7-17-2010 ML-PS #7 Alarm Light On 10:45pm: IAI On-call operator, Bob Stephens received a page from the Grattan Sewer Emergency Call Service about the alarm light on ML-PS #7 being on. We he arrived on site no alarm condition was present and the station was working properly. He then verified that the controls were functioning correctly. No sewer overflow occurred from this condition.</p>					
7/19/2010	3712	GRATTAN LAGOONS - Grattan Township WWTF Lagoons	Lagoon Inspections	P	0.00	\$0.00	0
		<p>Notes: Visual Observation of Dike Integrity, Vegetation Control, Evidence of Nuisance Animals, Freeboard (2 ft. minimum), and Odors should be documented in the weekly rounds sheet and/or log book.</p>					
7/19/2010	4337	G/V-PS-HIGH PRIORITY - Grattan/Vergennes Collection System High Priority Pump Stations	Inspect High Priority Grattan/Vergennes Pump Stations	P	0.00	\$0.00	0
		<p>Notes: High Priority Stations in Grattan/Vergennes Collection System Which Requires Inspections Every Week: -BCL-PS #1; 5MILE-PS #2; 5MILE-PS #3; ML-PS #5; RL-PS #15</p> <p>Record Hour Meter and Calculate Daily Average Run-Times for Each Pump, Clean Grease from Floats, Verify Alarm Light by Actuating High Level Float, and Run Both Pumps in Manual to Scrub Force-Main.</p>					
7/19/2010	4175	GRAT-PS- HIGH PRIORITY - Grattan Township Collection System High Priority Pump Stations	Inspect High Priority Grattan Township Pump Stations	P	0.00	\$0.00	0
		<p>Notes: High Priority Pump Station in Grattan Township Collection System that Require Weekly Inspections: -BPI-PS #1; BPI-PS #3A</p>					

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Date Complete	WO#	Equipment	Task Description	Type*	Hours	Total Cost	Lag Time**
			Record Hour Meter and Calculate Daily Average Run-Times for Each Pump, Clean Grease from Floats, Verify Alarm Light by Actuating High Level Float, and Run Both Pumps in Manual to Scrub Force-Main.				
7/19/2010	5070	Grat Irrigation Guns - Nelson Irrigation Guns	Check Irrigation Guns	P	0.00	\$0.00	0
		Notes:					
7/19/2010	3659	G/V LAGOONS - Grattan/Vergennes WWTF Lagoons	Lagoon Inspections	P	0.00	\$0.00	0
		Notes: Visual Observation of Dike Integrity, Vegetation Control, Evidence of Nuisance Animals, Freeboard (2 ft. minimum), and Odors should be documented in the weekly rounds sheet and/or log book.					
7/20/2010	5245	ML-PS #8 - Murray Lake Pump Station #8	Alarm Call-Out	C	0.00	\$0.00	0
		Notes: 7-20-2010 ML-PS #8 High Level Alarm 7am:IAI on-call operator Robert Carlstrom arrived on-site to find both pump were off. He was able to pump down the station by running the pumps in hand. IAI operator John Rydbeck arrived on-site to do further troubleshooting. It was found that both pumps had partial plugs. IAI Mechanic Bob Stephens and Robert pulled and clogged both. No sewer overflow occurred during this condition.					
7/23/2010	4360	GRAT-PS-LOW PRIORITY - Grattan Township Collection System Low Priority Pump Stations	Inspect Low Priority Grattan Township Pump Stations	P	0.00	\$0.00	-1
		Notes: Low Priority Pump Stations in Grattan Township Requiring Inspections Once a Month: -BPI-PS #2; BPI-PS #4					
			Record Hour Meter and Calculate Daily Average Run-Times for Each Pump, Clean Grease from Floats, Verify Alarm Light by Actuating High Level Float, and Run Both Pumps in Manual to Scrub Force-Main.				
7/23/2010	4424	G/V-PS-MID PRIORITY - Grattan/Vergennes Collection System Moderate Priority Pump Stations	Inspect Mid Priority Grattan/Vergennes Pump Stations	P	0.00	\$0.00	-3
		Notes: Pump Stations in the Grattan/Vergennes with Moderate Prioiry Requiring Inspections Every Other Week: -5MILE-PS #3; ML-PS #6; ML-PS #7; ML-PS #8A; ML-PS #8; ML-PS #9; ML-PS #10; ML-PS #12; ML-PS #14; ML-PS #15					
			Record Hour Meter and Calculate Daily Average Run-Times for Each Pump, Clean Grease from Floats, Verify Alarm Light by Actuating High Level Float, and Run Both Pumps in Manual to Scrub Force-Main.				
7/24/2010	5246	5MILE-PS #2 - 5 Mile Pump Station #2	Alarm Call-Out	C	0.00	\$0.00	0
		Notes: 7-24-2010 High Level Alarm 5 mile-PS #2 7:30am: IAI On-call operator, Robert Carlstrom received a page from the station. He arrived on site and found pump one was not operating. After turning the power off and then back on the station began operating properly. The alarm condition occurred again at 6pm on 7/24/10. IAI operators Russ Johnson and John Rydbeck installed a 10hp abs pump in the station for redundancy. It was found that the pump off float was bad thus causing the motor starter to chatter; resulting in the pump					

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Date Complete	WO#	Equipment	Task Description	Type*	Hours	Total Cost	Lag Time**
			overloads tripping out. The float was replaced. No sewer over flow occurred from this condition.				
7/24/2010	5238	BPI-PS #6 - Big Pine Island Pump Station #6	Power Outage	C	0.00	\$0.00	0
		Notes: 7-24-10 BPI-PS #5 &BPI-PS #6 Power Outage 9:30am: IAI On-call operator, Robert Carlstrom received power out call 9:30 am. He then used the portable generator to provide stand-by power to the effected stations for the duration of the power outage. No sewer overflow occurred from this event.					
7/24/2010	5237	BPI-PS #5 - Big Pine Island Pump Station #5	Power Outage	C	0.00	\$0.00	0
		Notes: 7-24-10 BPI-PS #5 &BPI-PS #6 Power Outage 9:30am: IAI On-call operator, Robert Carlstrom received power out call 9:30 am. He then used the portable generator to provide stand-by power to the effected stations for the duration of the power outage. No sewer overflow occurred from this event.					
7/26/2010	3660	G/V LAGOONS - Grattan/Vergennes WWTF Lagoons	Lagoon Inspections	P	0.00	\$0.00	0
		Notes: Visual Observation of Dike Integrity, Vegetation Control, Evidence of Nuisance Animals, Freeboard (2 ft. minimum), and Odors should be documented in the weekly rounds sheet and/or log book.					
7/26/2010	5071	Grat Irrigation Guns - Nelson Irrigation Guns	Check Irrigation Guns	P	0.00	\$0.00	0
		Notes:					
7/26/2010	4176	GRAT-PS- HIGH PRIORITY - Grattan Township Collection System High Priority Pump Stations	Inspect High Priority Grattan Township Pump Stations	P	0.00	\$0.00	0
		Notes: High Priority Pump Station in Grattan Township Collection System that Require Weekly Inspections: -BPI-PS #1; BPI-PS #3A					
		Record Hour Meter and Calculate Daily Average Run-Times for Each Pump, Clean Grease from Floats, Verify Alarm Light by Actuating High Level Float, and Run Both Pumps in Manual to Scrub Force-Main.					
7/26/2010	4338	G/V-PS-HIGH PRIORITY - Grattan/Vergennes Collection System High Priority Pump Stations	Inspect High Priority Grattan/Vergennes Pump Stations	P	0.00	\$0.00	0
		Notes: High Priority Stations in Grattan/Vergennes Collection System Which Requires Inspections Every Week: -BCL-PS #1; 5MILE-PS #2; 5MILE-PS #3; ML-PS #5; RL-PS #15					
		Record Hour Meter and Calculate Daily Average Run-Times for Each Pump, Clean Grease from Floats, Verify Alarm Light by Actuating High Level Float, and Run Both Pumps in Manual to Scrub Force-Main.					
7/26/2010	3713	GRATTAN LAGOONS - Grattan Township WWTF Lagoons	Lagoon Inspections	P	0.00	\$0.00	0

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Date Complete	WO#	Equipment	Task Description	Type*	Hours	Total Cost	Lag Time**
			Notes: Visual Observation of Dike Integrity, Vegetation Control, Evidence of Nuisance Animals, Freeboard (2 ft. minimum), and Odors should be documented in the weekly rounds sheet and/or log book.				
7/27/2010	5239	BPI-PS #6 - Big Pine Island Pump Station #6	Power Outage	C	0.00	\$0.00	0
			Notes: 7-27-10 BPI-PS #5 & BPI-PS #6 Power Outage 11:00am: IAI On-call operator, Robert Carlstrom received power out call 9:30 am. He then used the portable generator to provide stand-by power to the effected stations for the duration of the power outage. No sewer overflow occurred from this event.				
7/27/2010	5240	BPI-PS #5 - Big Pine Island Pump Station #5	Power Outage	C	0.00	\$0.00	0
			Notes: 7-27-10 BPI-PS #5 & BPI-PS #6 Power Outage 11:00am: IAI On-call operator, Robert Carlstrom received power out call 9:30 am. He then used the portable generator to provide stand-by power to the effected stations for the duration of the power outage. No sewer overflow occurred from this event.				
7/29/2010	4397	GRAT-PS-MID PRIORITY - Grattan Township Collection System Moderate Priority Pump Stations	Inspect Mid Priority Grattan Township Pump Stations	P	0.00	\$0.00	0
			Notes: Moderate Priority Pump Stations in Grattan Township Requiring Inspections Every Other Week: -BPI-PS #3; BPI-PS #5; BPI-PS #6				
			Record Hour Meter and Calculate Daily Average Run-Times for Each Pump, Clean Grease from Floats, Verify Alarm Light by Actuating High Level Float, and Run Both Pumps in Manual to Scrub Force-Main.				
7/29/2010	4373	G/V-PS-LOW PRIORITY - Grattan/Vergennes Collection System Low Priority Pump Stations	Inspect Low Priority Grattan/Vergennes Pump Stations	P	0.00	\$0.00	0
			Notes: Pump Stations in Grattan/Vergennes Collection System Requiring Inspections Once a Month: -ML-PS #11; ML-PS #13; ML-PS #16; ML-PS #17				
			Record Hour Meter and Calculate Daily Average Run-Times for Each Pump, Clean Grease from Floats, Verify Alarm Light by Actuating High Level Float, and Run Both Pumps in Manual to Scrub Force-Main.				
7/30/2010	1151	ML-GPS #5 - Murray Lake Grinder Pump Station #5	Inspect Grinder Pump Station	P	0.00	\$0.00	29
			Notes: Record Hour Meter and Calculate Daily Average Run-Times for Each Pump, Clean Grease from Floats, Verify Alarm Light by Actuating High Level Float, and Run Both Pumps in Manual to Scrub Force-Main.				

Summary

Total # of WO's	43	Total Cost	\$0.00
Total Hours	0.00		

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Date Complete	WO#	Equipment	Task Description	Type*	Hours	Total Cost	Lag Time**
Average Lag Time*		4.00					

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