

Flood Control Project Maintenance
2013 Structure Summary Report
Overall Unit and Item Ratings

Reclamation District No. 2096 Wetherbee Lake

Wetherbee Lake Pumping Plant & Navigation Gate

Overall Unit Rating	Rated Item	Item Rating
A	Operating Log	A
	Operation & Maintenance Manual	A
	Plant Building	A
	Communications	A
	Safety	M
	Cranes	N
	Pumps	A
	Power	A
	Motors, Engines, Fans & Gear Reducers	A
	Pump Control Systems	A
	Sumps/Wet Well	A
	Trash Racks	M
	Trash Rakes	N
	Sluice / Slide Gates	N
	Electric Gate Operators	A
	Manual Gate Operators	A
	Other Metallic Items	A
	Flap Gates	A
	Closure Structures	A
	Security Fencing	A
Intake and Discharge Pipes	A	

Flood Control Project Maintenance

Unit Cover Sheet

2013 Pumping Plant Inspection Results

Reclamation District No. 2096 Wetherbee Lake

Pumping Plant	
Wetherbee Lake Pumping Plant & Navigation Gate	

Pumping Plant Rating	A
Date of Inspection	08/16/2013
DWR Inspector	Maksim Khashchuk
Accompanied By	Randy Barker RD-2096 Wetherbee Lake

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2013

Wetherbee Lake

Structure	Structure Length	Inspection Start/End	Inspector
Wetherbee Lake Pumping Plant & Navigation Gate		08/16/2013 08/16/2013	Maksim Khashchuk

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.00	0.00	Pump Stations	Operating Log		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: O&M log presented at time of inspection	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	1 Y
2	0.00	0.00	Pump Stations	Operation & Maintenance Manual		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: O&M manual was present at time of inspection. LMA is in procees of creating posted operating instructions at pump station.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	2
3	0.00	0.00	Pump Stations	Plant Building		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Building protects the controls only.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	3 Y
4	0.00	0.00	Pump Stations	Communications		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Trustee has cellular phone.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	4
5	0.00	0.00	Pump Stations	Safety		M	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Missing guard rail on navigation canal.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	5 Y
6	0.00	0.00	Pump Stations	Cranes		N	Inspector Comments: Item does not apply, cranes are not present on site.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	6
7	0.00	0.00	Pump Stations	Pumps		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Pumps appear to be in working order.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	7
8	0.00	0.00	Pump Stations	Power		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: No electrical deficiencies observed. Backup generators can be brought in on an emergency basis.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	8
9	0.00	0.00	Pump Stations	Motors, Engines, Fans & Gear Reducers		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: All items appear operational.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	10
10	0.00	0.00	Pump Stations	Pump Control Systems		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Controls are free of damage and appear to operate normally.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	11 Y
11	0.00	0.00	Pump Stations	Sumps/Wet Well		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Sump is clear of debris.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	12

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected, see Inspector Comment	C : Corrected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2013

Wetherbee Lake

Structure	Structure Length	Inspection Start/End	Inspector
Wetherbee Lake Pumping Plant & Navigation Gate		08/16/2013 08/16/2013	Maksim Khashchuk

LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
12	0.00	0.00	Pump Stations	Trash Racks		M	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Trash rack is present, however one panel is missing from rack.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	13 Y
13	0.00	0.00	Pump Stations	Trash Rakes		N	Inspector Comments: No trash rake present.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	14
14	0.00	0.00	Pump Stations	Sluice / Slide Gates		N	Inspector Comments: No slide gates present	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	15
15	0.00	0.00	Pump Stations	Electric Gate Operators		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Item appears to be in good working condition. Radial arm gate was open at time of inspection.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	16 Y
16	0.00	0.00	Pump Stations	Manual Gate Operators		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Manual gate operators appear to be maintained and in good working order.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	17
17	0.00	0.00	Pump Stations	Other Metallic Items		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Other exposed metal items are painted or coated to prevent corrosion.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	18
18	0.00	0.00	Pump Stations	Flap Gates		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Flap gates appear to be fully operational.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	19 Y
19	0.00	0.00	Pump Stations	Closure Structures		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Radial arm gate acts as closure structure, gate was open at time of inspection.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	20 Y
20	0.00	0.00	Pump Stations	Security Fencing		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Security fencing is in place. Closed circuit cameras are also in place.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	21
21	0.00	0.00	Pump Stations	Intake and Discharge Pipes		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Pipes appear to be free of defects.	37.773593 ° -121.298442 °	37.773593 ° -121.298442 °	22

<p>* Location</p> <p>LS : Land Side WS : Water Side CR : Crown</p>	<p>** Rating</p> <p>A : Acceptable M : Minimally Acceptable U : Unacceptable</p>	<p>PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected, see Inspector Comment</p>	<p>C : Corrected</p>
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Structure 2013

Wetherbee Lake

Structure	Structure Length	Inspection Start/End	Inspector
Wetherbee Lake Pumping Plant & Navigation Gate		08/16/2013 08/16/2013	Maksim Khashchuk

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Operating Log
Operating Log	
mkhashch_t_20130820_132.JPG	



Levee Mile Report Line	3
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Plant Building
View of the pumping facility and navigation gate.	
mkhashch_t_20130820_133.JPG	



Levee Mile Report Line	5
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Safety
View of the missing guard rail.	
mkhashch_t_20130816_127.JPG	



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Wetherbee Lake Pumping Plant & Navigation Gate		08/16/2013 08/16/2013	Maksim Khashchuk

Levee Mile Report Line	5
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Safety
View of the displaced footbridge panel. May act as a tripping hazard. Please address this issue to ensure a level walking surface.	
mkhashch_t_20130816_131.JPG	



Levee Mile Report Line	10
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Pump Control Systems
View of the control room.	
mkhashch_t_20130816_128.JPG	



Levee Mile Report Line	12
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Trash Racks
Section of trash rack is missing, missing section would be in upper left of photo.	
mkhashch_t_20130730_086.JPG	



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Levee Inspections**

Levee Inspection Report By Mile - Structure 2013

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Wetherbee Lake Pumping Plant & Navigation Gate		08/16/2013 08/16/2013	Maksim Khashchuk

Levee Mile Report Line	15
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Electric Gate Operators
View of the radial arm gate in the open position.	
mkhashch_t_20130816_129.JPG	



Levee Mile Report Line	18
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Flap Gates
View of the flapgates.	
mkhashch_t_20130816_130.JPG	



Levee Mile Report Line	19
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Closure Structures
Radial arm gate, shown in open position.	
mkhashch_t_20130820_134.JPG	



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