

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

**Reclamation District No. 0999 Netherlands**

---

**Elk Slough Inlet Structure**

Overall Unit Rating	Rated Item	Item Rating
<b>A</b>	Photo Documentation	N
	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	A
	Electric Gate Operators	N
	Manual Gate Operators	A
	Concrete Surfaces	A
	Concrete Tilting / Settlement	A
	Concrete Foundations	A
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	A
	Monolith Joints	N
	Safety	A
	Operation & Maintenance Manual	A

**Flood Control Project Maintenance****Unit Cover Sheet****2013 Structure Inspection Results****Reclamation District No. 0999 Netherlands**

Structure
Elk Slough Inlet Structure

Structure Rating	<b>A</b>
Date of Inspection	07/17/2013
DWR Inspector	Richard Willoughby
Accompanied By	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2013**

**Netherlands**

Structure	Structure Length	Inspection Start/End	Inspector
Elk Slough Inlet Structure		07/17/2013 07/17/2013	Richard Willoughby

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.00	0.00	Structures	Photo Documentation		N	Inspector Comments: Structure appears to maintained and able to function as designed.	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	1 Y
2	0.00	0.00	Structures	Vegetation & Obstructions		A	Inspector Comments: Minimal vegetation on outlet side blocking view of pipe.	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	2 Y
3	0.00	0.00	Structures	Shoaling / Sedimentation		A	Inspector Comments: No sedimentation present.	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	3
4	0.00	0.00	Structures	Erosion / Bank Caving		A	Inspector Comments: No visible erosion near the structure	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	4
5	0.00	0.00	Structures	Revetments		A	Inspector Comments: All revetments appears in good condition.	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	5
6	0.00	0.00	Structures	Encroachments		A	Inspector Comments: No encroachments visible.	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	6
7	0.00	0.00	Structures	Culverts: Inlets / Outlets		N	Inspector Comments: Culvert outlet not visible due to water level.	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	7
8	0.00	0.00	Structures	Culverts: Breaks / Holes / Cracks		N	Inspector Comments: Not able to inspect culverts due water level.	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	8
9	0.00	0.00	Structures	Metal Pipes		N	Inspector Comments: Not able to inspect metal pipe due to water level	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	9
10	0.00	0.00	Structures	Trash Racks		N	Inspector Comments: No trash rack installed.	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	10
11	0.00	0.00	Structures	Flap Gates		N	Inspector Comments: Flap gate not visible due to water level.	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	11
12	0.00	0.00	Structures	Sluice/Slide Gates		A	Inspector Comments: No visible problems with gates.	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	12
13	0.00	0.00	Structures	Electric Gate Operators		N	Inspector Comments: Item does not exist on this structure.	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	13
14	0.00	0.00	Structures	Manual Gate Operators		A	Inspector Comments: No problems with gate.	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	14
15	0.00	0.00	Structures	Concrete Surfaces		A	Inspector Comments: No structural damage to concrete surfaces.	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	15
16	0.00	0.00	Structures	Concrete Tilting / Settlement		A	Inspector Comments: No tilting or settlement visible.	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	16

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected, see Inspector Comment	C : Corrected
--	--	---	---------------

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2013**

**Netherlands**

Structure						Structure Length	Inspection Start/End	Inspector
Elk Slough Inlet Structure							07/17/2013 07/17/2013	Richard Willoughby

  

LNI# No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
17	0.00	0.00	Structures	Concrete Foundations		A	Inspector Comments: No visible foundation problems.	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	17
18	0.00	0.00	Structures	Security Fencing		N	Inspector Comments: Item does not exist on this structure.	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	18
19	0.00	0.00	Structures	Closure Structures		N	Inspector Comments: Item does not exist on this structure.	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	19
20	0.00	0.00	Structures	Trash Rakes		N	Inspector Comments: Item does not exist on this structure.	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	20
21	0.00	0.00	Structures	Other Metallic Items		A	Inspector Comments: No visible deterioration present.	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	21
22	0.00	0.00	Structures	Monolith Joints		N	Inspector Comments: Item does not exist on this structure.	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	22
23	0.00	0.00	Structures	Safety		A	Inspector Comments: No safety hazards visible.	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	23
24	0.00	0.00	Structures	Operation & Maintenance Manual		A	Inspector Comments: The manual is on file in the office.	38.414063 ° -121.523357 °	38.414063 ° -121.523357 °	24

<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected, see Inspector Comment C : Corrected
--	--

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2013**

**Netherlands**

Structure	Structure Length	Inspection Start/End	Inspector
Elk Slough Inlet Structure		07/17/2013 07/17/2013	Richard Willoughby

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Photo Documentation
Looking southeast at inlet side of the structure the pipe is not visible due to water level.	
richard_t_20130828_001.JPG	



Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Photo Documentation
Looking northeast at control structure on waterside of levee.	
richard_t_20130828_003.JPG	



Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Photo Documentation
Looking north (upstream) at control structure on waterside of levee.	
richard_t_20130828_004.JPG	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected, see Inspector Comment	C : Corrected
--	--	---	---------------

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2013**

**Netherlands**

Structure	Structure Length	Inspection Start/End	Inspector
Elk Slough Inlet Structure		07/17/2013 07/17/2013	Richard Willoughby

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Photo Documentation
Looking west at control structure on waterside of levee.	
richard_t_20130828_005.JPG	



Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Photo Documentation
Looking southwest at control structure on waterside of levee.	
richard_t_20130828_006.JPG	



Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Structures
Item	Vegetation & Obstructions
Looking west at outlet side of structure on landside of the levee pipe not visible due to vegetation and water level.	
richard_t_20130828_007.JPG	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected, see Inspector Comment	C : Corrected
--	--	---	---------------