

**SHARON STEEL OPERABLE UNIT 1
OPERATION & MAINTENANCE
QUARTERLY SITE INSPECTION
MAY 2007
MIDVALE, UTAH**



View of Jordan River and West Slope of Cap

Prepared by: Tony Howes
Utah Department of Environmental Quality
Division of Environmental Response and Remediation

SHARON STEEL OUI OPERATION & MAINTENANCE

	<u>Yes</u>	<u>No</u>
1. Is redevelopment occurring at the site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2. Are the access gates and locks free from damage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Is the site and soil cover free from saturation or ponding of surface runoff?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Is the slope soil cover free of holes or other signs of burrowing rodents?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Have the burrowed or eroded slope areas been filled with clean soil and revegetated as needed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Do the cap slopes appear to be stable and free from erosion?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Have the ditches and culverts been inspected for obstructions and debris?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Are the interceptor trench and drains accessible and operational?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Are the groundwater monitoring wellheads accessible?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Is the Jordan River riverbank free from signs of erosion or undercutting?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
11. Is riprap and vegetation adequate to prevent intrusion of the river into the site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Additional Comments or Observations: Photos depicted in the attached log were taken on 5/23/07 except where otherwise noted. Location and site maps are also attached for reference. The peak water flow recorded at the Jordan River 90th South gauging station on 5/23/07 was 42.4 cfs. Current and historic water flows for the Jordan River at the 90th South gauging station can be obtained at <http://www.pweng.slco.org/flood/streamFlow/index.cfm>.

INSPECTED BY: Tony Howes, UDEQ-DERR Project Manager

TITLE: Env. Scientist

DATE: May 23, 2007

NEXT INSPECTION DATE: August 2007

Conditions and Recommendations noted in 5/23/07 Inspection

If checked "No" on Visual Inspection Checklist, conditions and follow-up action included:

1. **Inspection Action:** #1. Redevelopment is not occurring at the Site.
Steps Taken to Remediate: No action required by UDEQ.

2. **Inspection Action: #10.** Several areas along the banks of the Jordan River have been eroded, as noted in previous inspections and are in need of repair in order to prevent additional erosion.

Steps Taken to Remediate: The UDEQ has consulted with EPA about erosion along the Jordan River (Erosion Areas A through E) and options for restoring those areas are being discussed.

3. **Inspection Action: #11.** As a result of erosion along the Jordan River bank, riprap and vegetation are not adequate to prevent the river from intruding the Site.

Steps Taken to Remediate: The UDEQ has consulted with EPA about this matter and options for repairing riprap and vegetation along the Jordan River are being discussed.



Photo 1 View to the east from the north west corner 5/23/07



Photo 2 View to the south from the north west corner 5/23/07



Photo 3 View of Jordan River and west slope of cap 5/23/07



Photo 4 Same view as Photo 3 taken on 5/24/06



Photo 5 Jordan River erosion area A on 5/23/07



Photo 6 Jordan River erosion area A on 5/24/06



Photo 7 View to the north from the south west corner of the cap 5/23/07



Photo 8 Jordan River Erosion Area E 5/23/07



Photo 9 Interceptor Trench outfall 5/23/07



Photo 10 View to the west from the Interceptor Trench 5/23/07



Photo 11 Interceptor Trench Manhole/Drain G 5/23/07



Photo 12 Manhole/Drain F at south central corner of the cap 5/23/07



Photo 13 Manhole/Drain E at south west corner of cap 5/23/07

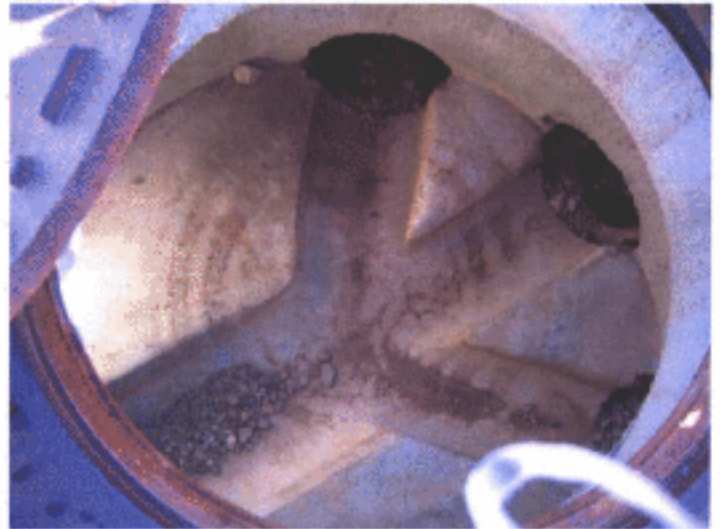


Photo 14 Manhole/Drain D at the base of the caps west slope 5/23/07

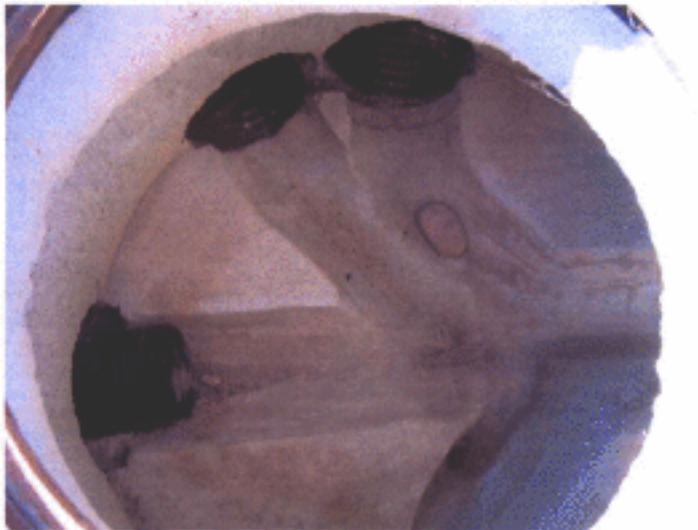


Photo 15 Manhole/Drain C at the base of the caps west slope 5/23/07



Photo 16 Manhole/Drain B at the base of the caps west slope 5/23/07



Photo 17 Manhole/Drain A at the base of the caps west slope 5/23/07



Photo 18 View to the west along 7800 S 5/23/07



Photo 19 View to the south of the caps west slope 5/23/07



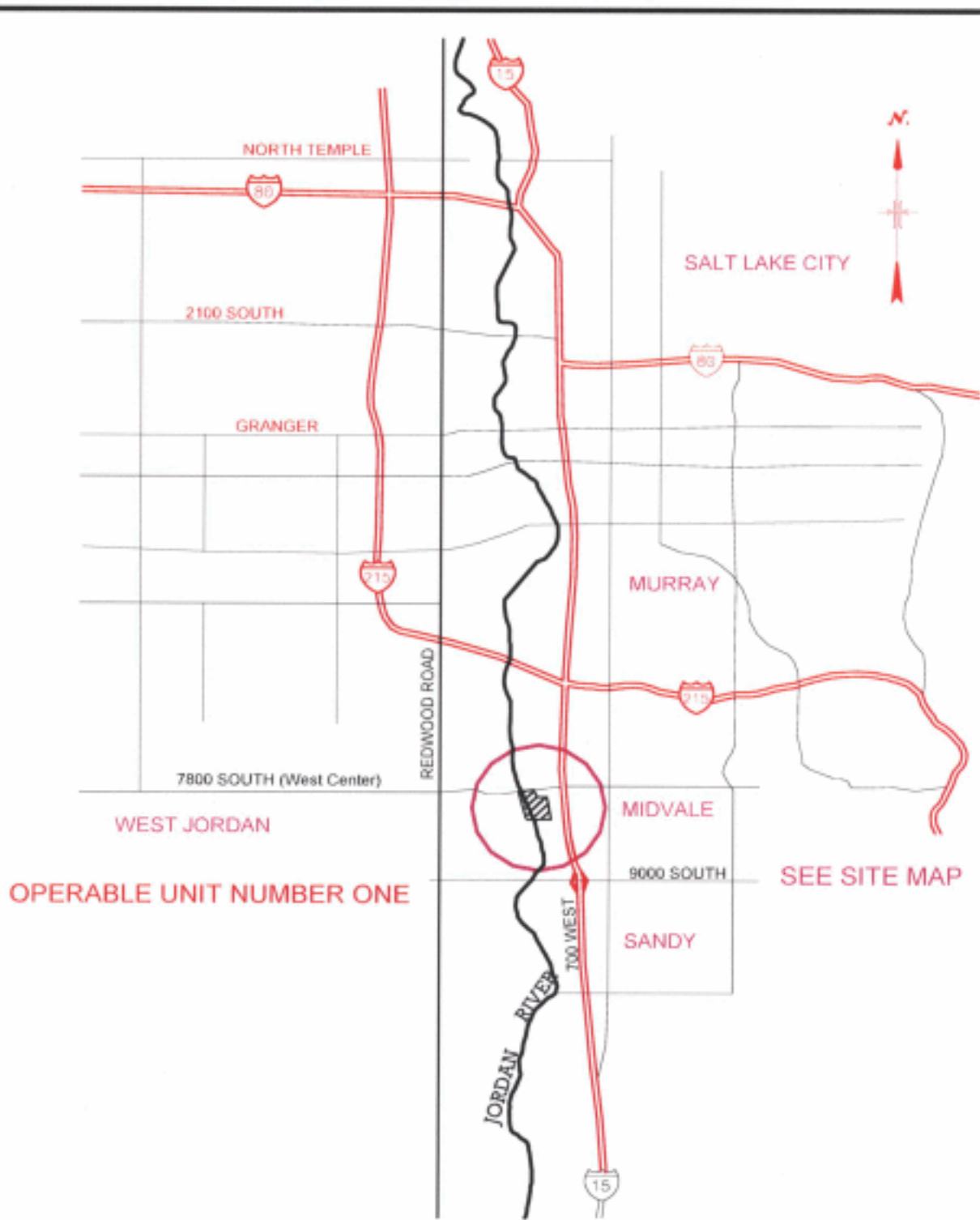
Photo 20 View of the caps south west corner 5/23/07



Photo 21 View to the south of the caps south east slope 5/23/07



Photo 22 View to the east of Jordan River and Wetlands 5/23/07



SHARON STEEL OPERABLE UNIT NO. 1 LOCATION MAP

NOT TO SCALE

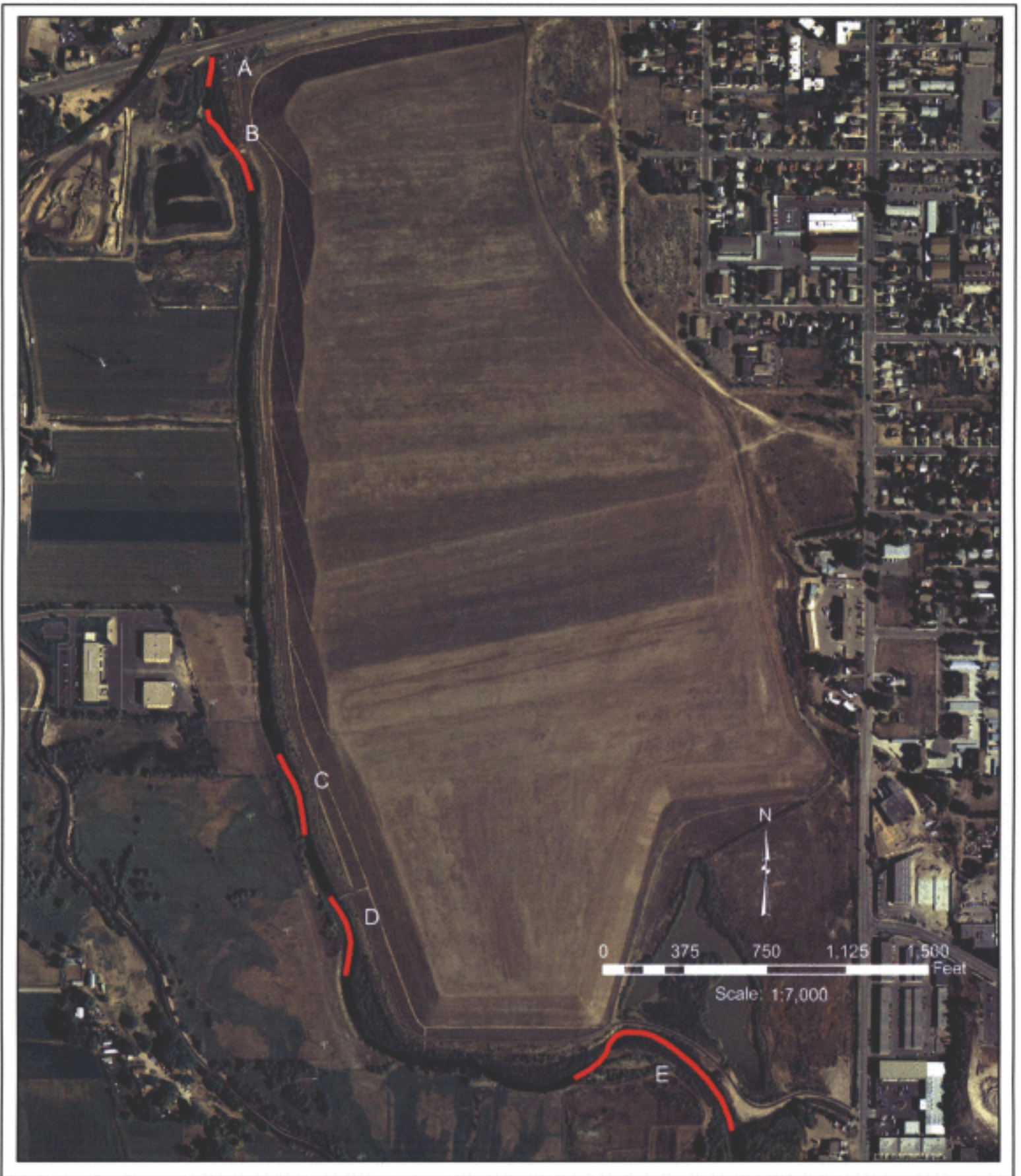
FIGURE 1



Explanation

- Interceptor Trench
- Inlet/outlet Trashrack
- Manhole/Drain
- Valley & Slope Drain

Figure 2
 Sharon Steel Operable Unit One
 Erosion Control & Site Drainage
 Key Inspection Items



Explanation

 Key Inspection Areas for Riverbank Stability

Figure 3
Sharon Steel Operable Unit One
Key Inspection Areas for
Riverbank Stability