

Appendix F

September 2002 Site Inspection Report

WESTERN SAND AND GRAVEL

SITE INSPECTION REPORT

- GROUNDWATER MONITORING WELL CHECKLIST
- FENCE, GATES, LOCKS AND SIGNS
- REMEDIAL ACTION AREA CHECKLIST
- DRAINAGE SWALES AND STRUCTURES CHECKLIST

INSECTION BY: _____Joseph Lang_____

DATE: _____09/12/02_____

WESTERN SAND AND GRAVEL
GROUNDWATER MONITORING WELL CHECKLIST

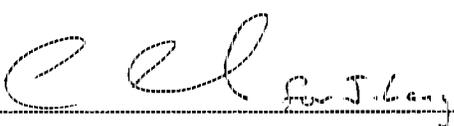
Post-closure groundwater monitoring wells show no aboveground physical damage and well caps are locked?

Well Name	Yes	No	Comments	Y	N
C-1	X		For C-1, no work within 50 ft radius		
C-2-S	X				
C-2-M		X	Upper steel casing and steel lid damaged		
C-2-D	X				
C-3-S	X		Steel well casing needs to be painted 3/03		
C-3-M	X		Steel well casing needs to be painted 3/03		
C-3-D	X		Steel well casing needs to be painted 3/03		
C-4-S	X				
C-4-M	X				
C-4-D	X		Steel well casing needs to be painted 3/03		
C-4-B	X		Well temporarily sealed / welded closed		
C-5-S	X				
C-5-M	X				
C-5-D	X				
C-6-S	X				
C-6-M	X				
C-6-D	X				

PROTECTIVE POSTS INTACT?

Well Name	Number	Yes	No	Comments
C-2	4 posts	X		
C-3	4 posts	X		
C-4	4 posts	X		
C-5	4 posts	X		
C-6	4 posts	X		

* Other comments, e.g., significant listing of protective casing; protective posts damaged; well name illegible, etc.

SIGNATURE:  DATE: 9/12/02

WESTERN SAND AND GRAVEL
FENCE, GATES, LOCKS AND SIGNS CHECKLIST

	Fence & Posts intact; chainlink & barbed wire	No erosion gaps under fence	Number of signs to be on fence	Signs intact, legible, free of damage	Gate intact and locked	Comments
South	X	X*	1 on fence, 1 on gate	X	X	See below
Southwest	X	X*	2	X	No gate	See below
West	X	X	2	X	No gate	
North	X*	X	2 on fence, 1 on gate	X	X	See below
East	X	X	4	X	No gate	

x means YES

* means see comments (below)

Notes: Is surveyed benchmark intact? YES X NO
Vegetation adequate to prevent erosion at fence? YES X NO

Other comments:

- Two temporary "Keep Out - No Trespassing" signs (on the front gate (south side) and along the north fence) were replaced by ATC with permanent "Danger - Keep Out" signs.
- An animal burrow was observed underneath the east side fencing. ATC filled in the hole with rocks.
- An animal burrow was observed underneath the north side fencing. ATC filled in the hole with rocks.
- Vegetation was observed growing along the northern portion of the east side fencing.
- One sign along the northern portion of the east side fencing was observed to be faded. ATC will replace the sign in March 3/03.
- Young trees were observed along the southern portion of the east side fencing, along the southwest fencing, and along the west side fencing. ATC recommends that the trees/vegetation be trimmed and maintained to prevent potential damage to the fencing.
- A kink in the chain fencing on the north side was observed. The kink is not of concern at this time.
- A 10-foot long, 4-inch diameter, discarded steel pipe was discovered by ATC near the south side fencing. The steel pipe was placed inside the south side gate for recommended removal off-site.

SIGNATURE:  DATE: 9/16/02

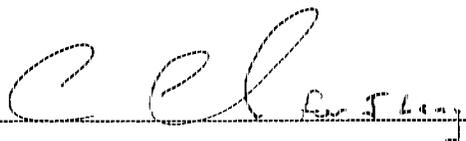
WESTERN SAND AND GRAVEL
REMEDIAL ACTION AREA CHECKLIST

	No settling or subsidence (adequate drainage)	No erosion damage (or frost heave damage)	Good vegetation	Comments*
Cap area	X	X	X	
West bank area	X	X	X	
Area south of south drainage swale	X	X	X	
Other areas	X	X	X	

X

* Comments, e.g., grass height, evidence of burrowing animals, etc.

- The cap was freshly mowed.
- No evidence of animal tracks or burrowing were observed in the cap area except for two animal burrows which were observed along the fencing. The animal burrows were filled with rocks.

SIGNATURE:  DATE: 9/14/02

WESTERN SAND AND GRAVEL CHECKLIST
DRAINAGE SWALES

DRAINAGE SWALES

	No settling or subsidence* (proper drainage)	No erosion damage (or frost heave damage)**	Good vegetation in swale (but not overgrown so as to restrict water flow)	Comments
SOUTH	X	X	X	See below
EAST	X	X	X	See below
NORTH	X	X	X	See below

DRAINAGE STRUCTURES

	No settling or subsidence* (proper drainage)	No erosion damage (or frost heave damage)**	Rip-rap intact	Comments
SOUTH A	X	X	X	See below
SOUTH B	X	X	X	See below
SOUTH C***	X	X	X	See below
NORTHEAST	X	X	X	See below
NORTHWEST	X	X	X	See below

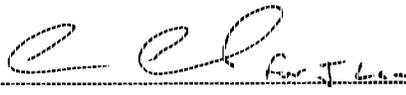
x means YES

* e.g., no low spots or ponding of water in swale or structure

** e.g., sides of swale/structure are intact, no erosional breakouts allowing water to flow away from swale/structure centerline

*** South C drainage structure is not critical to cap integrity

- Soil erosion mesh located to the southwest of the fenced area was observed to be exposed.

SIGNATURE:  DATE: 9/14/02

Appendix G

Photographic Summary of Site Conditions

**MARCH 2003 SUPPLEMENTAL PHOTOGRAPHIC DOCUMENTATION
WESTERN SAND AND GRAVEL
BURRILLVILLE, RHODE ISLAND**



Photograph No. 1: Looking north at the cap (northern) area of the landfill.



Photograph No. 2: Looking east at the eastern portion of the landfill area.

MARCH 2003 SUPPLEMENTAL PHOTOGRAPHIC DOCUMENTATION
WESTERN SAND AND GRAVEL
BURRILLVILLE, RHODE ISLAND



Photograph No. 3: Looking south at the southern portion of the landfill. Note construction activities to the south of the landfill.



Photograph No. 4: Looking west at the western portion of the landfill.

MARCH 2003 SUPPLEMENTAL PHOTOGRAPHIC DOCUMENTATION
WESTERN SAND AND GRAVEL
BURRILLVILLE, RHODE ISLAND



Photograph No. 5: Typical fenceline gap area along perimeter of landfill.



Photograph No. 6: Typical fenceline gap filled/secured with rocks.

**MARCH 2003 SUPPLEMENTAL PHOTOGRAPHIC DOCUMENTATION
WESTERN SAND AND GRAVEL
BURRILLVILLE, RHODE ISLAND**



Photograph No. 7: Stream gauge SG-1 as observed on March 20, 2003.



Photograph No. 8: Stream gauge SG-2 as observed on March 20, 2003.

MARCH 2003 SUPPLEMENTAL PHOTOGRAPHIC DOCUMENTATION
WESTERN SAND AND GRAVEL
BURRILLVILLE, RHODE ISLAND



Photograph No. 9: Stream gauge SG-2A as observed on March 20, 2003.



Photograph No. 10: Close-up photograph of stream gauge SG-3 as observed on March 20, 2003.

MARCH 2003 SUPPLEMENTAL PHOTOGRAPHIC DOCUMENTATION
WESTERN SAND AND GRAVEL
BURRILLVILLE, RHODE ISLAND



Photograph No. 11: Area photograph of stream gauge SG-3 as observed on March 20, 2003.



Photograph No. 12: Area of former well cluster II-4.

MARCH 2003 SUPPLEMENTAL PHOTOGRAPHIC DOCUMENTATION
WESTERN SAND AND GRAVEL
BURRILLVILLE, RHODE ISLAND



Photograph No. 13: Looking southeast from near the southern landfill perimeter fence towards the former hillside area and former location of monitoring well C-1-D.



Photograph No. 14: Looking southeast from the estimated location of monitoring well C-1-D and former hillside area.