

BBL ENVIRONMENTAL SERVICES, INC.

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October 3, 1990

Ms. Bonnie L. Eleder
Remedial Project Manager
USEPA
Region V
230 South Dearborn Street
Chicago, IL 60604

Re: Sheboygan River and Harbor
ASRI Pilot Study Operation &
Maintenance Activities

File: 885.01 #2

Dear Bonnie:

As promised, this letter provides additional detail regarding operation and maintenance (O&M) activities for the above-referenced project. These activities are split between the activities that will be conducted to "winterize" the facility, and those that will be conducted after all construction facilities are shutdown for the winter.

Winterization Activities

The activities required for winterization include the following:

I. Site

Decontaminate and relocate the decon trailer, pads, stored equipment, and materials to an area above the flood plain; drain water lines and decontaminate the rinsate tank.

II. Office Trailer

Drain water lines; install antifreeze in traps and close for the Winter.

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Winter Shutdown Activities

The activities anticipated during winter shutdown are provided below. Activities will be reported on an inspection log, provided as Attachment 1.

	<u>Frequency of Activity</u>
I. <u>General</u>	
Visual observation and recording of river levels and ice build-ups; recording of precipitation.	each site inspection
II. <u>Site</u>	
Visual observation of fence, grounds, decon pad, stored materials, and stored equipment; observation and removal (as required) of snow on the roofs of the Office trailer, Contingency Water Treatment Facility, and Decon trailer.	2/week
III. <u>Armored Areas</u>	
Visual observation of Armored areas.	2/week
IV. <u>Pilot CTF Facility</u>	
Visual observation and recording of water levels in each compartment; evaluate condition of exposed liners, sheet piling, piping, and valves.	2/week
V. <u>Leak Detection System</u>	
Check and record liquid level in Collection tank, perform manufacturer's recommended maintenance on pump and controls; pump down the Collection tank as needed.	3/week
VI. <u>Contingency Water Treatment Facility</u>	
Visual observation of the facility; record temperature within the facility; observation and replacement of filter media as required; testing of effluent; operation of the system to accept liquid from the Leak Detection System Collection Tank.	3/week

ATTACHMENT 1
SHEBOYGAN RIVER AND HARBOR
ASRI PILOT STUDY

INSPECT LOG

Date observed: _____
 Time: _____
 Weather: _____
 River level: _____
 Precipitation since
 last inspection _____
 Ice buildups? _____

<u>Items to be Observed</u>	<u>Condition Noted Accept./Unaccept.</u>	<u>Require Action</u>	<u>Comments</u>
<u>Site</u>			
1. Chain link fence	_____	_____	_____
2. Barbed wire on CTF	_____	_____	_____
3. Grounds	_____	_____	_____
4. Decon pad	_____	_____	_____
5. Stored materials	_____	_____	_____
6. Stored equipment	_____	_____	_____
7. Office trailer	_____	_____	_____
8. Contingency Water Treatment Facility (CWTF) trailer	_____	_____	_____
9. Decon trailer	_____	_____	_____
<u>Armored Areas</u>			
1. Inspect Armored areas	_____	_____	_____
<u>Pilot Study Facility</u>			
1. Water Levels	_____	_____	_____
Cell 1	_____	_____	_____
Cell 2	_____	_____	_____
Cell 3	_____	_____	_____
Cell 4	_____	_____	_____
2. Exposed liners	_____	_____	_____
3. Sheet piling	_____	_____	_____
4. Piping System	_____	_____	_____
5. Valves	_____	_____	_____
<u>Leak Detection System</u>			
1. Collection Tank Water Level	_____	_____	_____
2. Transfer pump	_____	_____	_____
3. Pump Controls	_____	_____	_____

ATTACHMENT 1
SHEBOYGAN RIVER AND HARBOR
ASRI PILOT STUDY

INSPECT LOG
(Continued)

<u>Items to be Observed</u>	<u>Condition Noted Accept./Unaccept.</u>	<u>Require Action</u>	<u>Comments</u>
<u>CWTF</u>			
1. Check temperature inside trailer	_____	_____	_____
2. Filters	_____	_____	_____
3. Carbon canisters	_____	_____	_____
4. Pump	_____	_____	_____
5. Pump controls	_____	_____	_____
6. If operating; obtain samples	_____	_____	_____
7. Volume treated	_____	_____	_____

Signed: _____

Dated: _____