2011 ANNUAL REPORT – FINAL REPORT

Landfill Inspection Report
Coldwater Road Landfill
Flint, Michigan
MID 005 356 860

RACER Trust
Ypsilanti, Michigan

February 2012

O'BRIEN & GERE

15388 | 47850

Landfill Inspection
Coldwater Road Landfill
Flint, Michigan
MID 005 356 860

Prepared for RACER Trust
Ypsilanti, Michigan

SCOTT L. CORMIER, P.E.
VICE PRESIDENT
O'BRIEN & GERE ENGINEERS, INC.

February 24, 2012

Mr. Richard Conforti, P.E.
Environmental Engineer
Michigan Department of Natural Resources and Environment
Waste and Hazardous Material Division
P.O. Box 30241
Lansing, Michigan 48909-7741

RE: 2011 Annual Landfill Inspection Report Coldwater Road Landfill
Flint, Michigan

FILE: 14774/47850 #5

Dear Mr. Conforti:

On behalf of Auto Communities Environmental Response Trust (RACER), O'Brien & Gere Engineers, Inc. (O'Brien & Gere) is pleased to present this annual Landfill Inspection Report summarizing the 2011 Quarterly Post Closure Inspections at the hazardous waste landfill for the Coldwater Road Landfill facility in Flint, Michigan. Mr. Kevin Schneider of O'Brien & Gere performed the four quarterly inspections of the closed hazardous waste landfill on March 31, 2011, June 17, 2011, September 29, 2011, and December 23, 2011, respectively.

Each quarterly inspection event consisted of the following activities:

- A visual inspection of the landfill cap and berms
- A visual inspection of the leachate accumulation above ground storage tank (AST)
- A visual inspection of the site access roads
- A visual inspection of the site perimeter fencing and gates
- A visual inspection of the leachate collection system
- Testing of the leachate detection alarm system
- A summary of the monthly removal of liquids from the leak detection vaults
- A visual inspection of site drainage structures.

A summary of the inspections is outlined in the following sections and copies of the quarterly inspection reports are included as Attachment A. A site location map (Figure 1), a site layout (Figure 2), and a 2011 incident location map (Figure 3) are also included.

CAP AND BERMS

The cap and berms were visually inspected each quarter for deep root penetration, burrowing animals, soil erosion, slope failures, and ponding water in the ditch and/or washouts. No slope failures or ponding of water was observed during the 2011 quarterly inspections. The following is a summary of the issues encountered on the cap and berms during the 2011 quarterly inspections.

Several hundred woody-stemmed plants were removed by the root from the landfill cap between March 2011 and December 2011.

Ten animal burrows were identified during the quarterly inspections. Additional animal burrows were also identified and closed throughout the year. Animal burrows were photographically documented (before and after repair), and the approximate size and configuration of the burrows were documented and included as an attachment to the Quarterly Status Reports for the site.

Traps were set at the opening of each animal burrow that appeared to be active. After several days without animal activity, the burrows were filled using methods approved by the Michigan Department of Environmental Quality (MDEQ). Animal burrows located during the quarterly inspections are noted on Figure 3. A log of burrow activity throughout the year is maintained at the landfill. The log contains information on the date that a burrow was identified, response activities, and the date the burrow was closed.

LEACHATE COLLECTION AST

The 15,000-gallon leachate collection AST is located in the containment/control building. An inspection of this AST system (tank, piping, containment) is completed and documented during each site visit by O'Brien & Gere and quarterly in accordance with the PCP. No evidence of leakage was observed within the AST secondary containment area or on the associated piping during the 2011quarterly inspections, and during each site visit by a representative of O'Brien & Gere.

ACCESS ROADS

The landfill access and perimeter roads were inspected for sufficient gravel and proper drainage during the quarterly inspections. During the December 23, 2011 inspection shallow ruts in the road were observed along the north perimeter road, north landfill access road, and east landfill access road (Figure 3). The shallow ruts will continue to be monitored and addressed if necessary. No other problems to the access roads were observed during 2011.

SITE PERIMETER FENCING AND GATES

Damage to the site perimeter fence and/or the barbwire was noted at a number of locations during the quarterly inspections. During the March 31, 2011 inspection, two openings and five sections of downed or missing barbwire were observed along the west perimeter fence. During the September 29, 2011 inspection one previous repaired hole was reopened and a section of downed barbwire was observed along the west perimeter fence. A tree limb was also located lying on the fence along the north perimeter fence during the September 29, 2011 inspection.

Downed barbwire was observed at two areas along the northwest perimeter fence during the December 23, 2011 site inspection. During the quarterly inspections, or shortly thereafter, the holes in the perimeter fence and down barbwire were repaired by the addition of new materials. Fallen tree limbs were cut down and removed from the fence.

LEACHATE COLLECTION SYSTEM

The leachate collection system was inspected quarterly for visible signs of damage. System components inspected include the control panels for the sumps and the leak detection vaults, as well as the visible portions of the vault piping. No evidence of damage was observed for the aboveground components of the system. Additionally, no signs of erosion/washouts were noticed in the areas around the control panels and posts.

LEACHATE DETECTION ALARM SYSTEM

The PermAlert automated leak detection alarm was tested during each quarterly inspection in accordance with Section 4 of the Post Closure Care Plan and found to be operating during the March 31, 2011, June 17, 2011, September 29, 2011 and December 23, 2011 tests. The PermAlert system requires no maintenance other than replacing the battery for the clock, which is replaced as needed during the quarterly inspections, and was last replaced during the 2nd quarter 2011. The battery runs the clock up to one year when power fails.

VAULT LIQUID REMOVAL

The leak detection vaults were pumped out monthly during the year. The volumes of liquid evacuated from each cell are provided in Table 1 and were reported in the Quarterly Status Reports.

DRAINAGE INSPECTION

The perimeter of the landfill and berm, drainage trenches at the base of the landfill, the Remaining Materials Area (RMA, Figure 2), and the wetland area were inspected for potential drainage problems. During the March 31, 2011 inspection the soil around the new southwest manhole had settled 6 to 8 inches. The area was leveled using fill material on June 16, 2011. No other drainage issues were observed during the quarterly inspections.

This summary of the quarterly inspections fulfills the annual inspection reporting requirements for 2011. If you have any questions, feel free to contact either of us at (248) 477-5701.

Very truly yours,
O'BRIEN & GERE ENGINEERS, INC.

Scott L. Cormier, P.E.
Vice President

Very truly yours,
O'BRIEN & GERE ENGINEERS, INC.

Clifford S. Yantz, P.G.
Technical Associate

Enclosures

cc: David Favero – RACER Trust
Kevin Schneider – O'Brien & Gere

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

On Behalf of RACER Trust

Scott L. Cormier, P.E.
Agent for RACER Trust

Vice President – O'Brien & Gere Engineers, Inc.

Title

February 24, 2012

Date

cc: file

TABLES

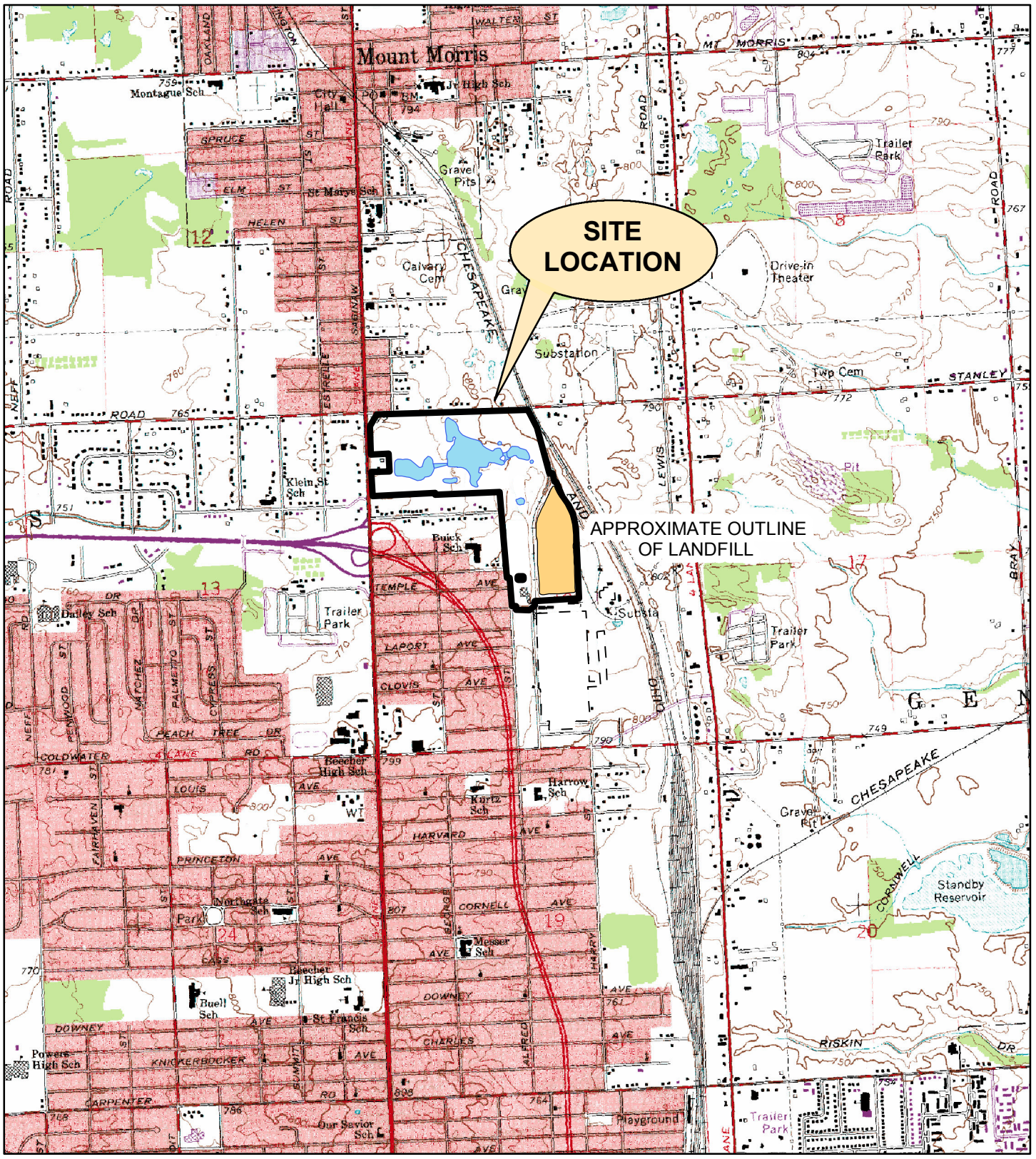
Table 1
Coldwater Road Landfill Facility
Liquid Volumes Removed from LDS Vaults in 2011

Date 2011	Vault A	Vault B	Vault C	Vault D	Vault E	Vault F	TOTAL LDS GALLONS
18-Jan-11	-	21	36	-	251	14	**322**
15-Feb-11	-	-	28	-	412	14	**454**
17-Mar-11	-	74	16	-	845	-	**935**
29-Apr-11	-	170	30	-	1,635	-	**1,835**
18-May-11	-	89	33	-	986	4	**1,112**
14-Jun-11	-	104	25	-	911	28	**1,068**
14-Jul-11	-	107	55	-	501	9	**672**
17-Aug-11	-	128	124	-	407	109	**768**
14-Sep-11	-	92	104	-	254	133	**583**
13-Oct-11	-	51	63	1,705	139	94	**2,052**
10-Nov-11	-	31	40	-	76	48	**195**
07-Dec-11	1,226	23	5	1,418	23	-	**2,695**
YEAR END TOTAL	**1,226**	**890**	**559**	**3,123**	**6,440**	**453**	**12,691**

Notes:
Liquid volumes in gallons.
LDS - Leak Detection System

FIGURES

FIGURE 1



RACER TRUST
COLDWATER ROAD LANDFILL FACILITY
FLINT, MICHIGAN

N

SITE LOCATION MAP

0 1
Miles

FEBRUARY 2012
15388/47850/001

O'BRIEN & GERE ENGINEERS, INC.

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FIGURE 2

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LEGEND

- LEACHATE COLLECTION SUMP
- ACCESS PORT FOR LEAK DETECTION VAULT

RACER TRUST
COLDWATER ROAD
LANDFILL FACILITY
FLINT, MICHIGAN

SITE LAYOUT

0 150 300 450 600
Feet

FEBRUARY 2012
15388/47850-008

O'BRIEN & GERE ENGINEERS, INC.

PLOT DATE: 2/6/2012 kbs

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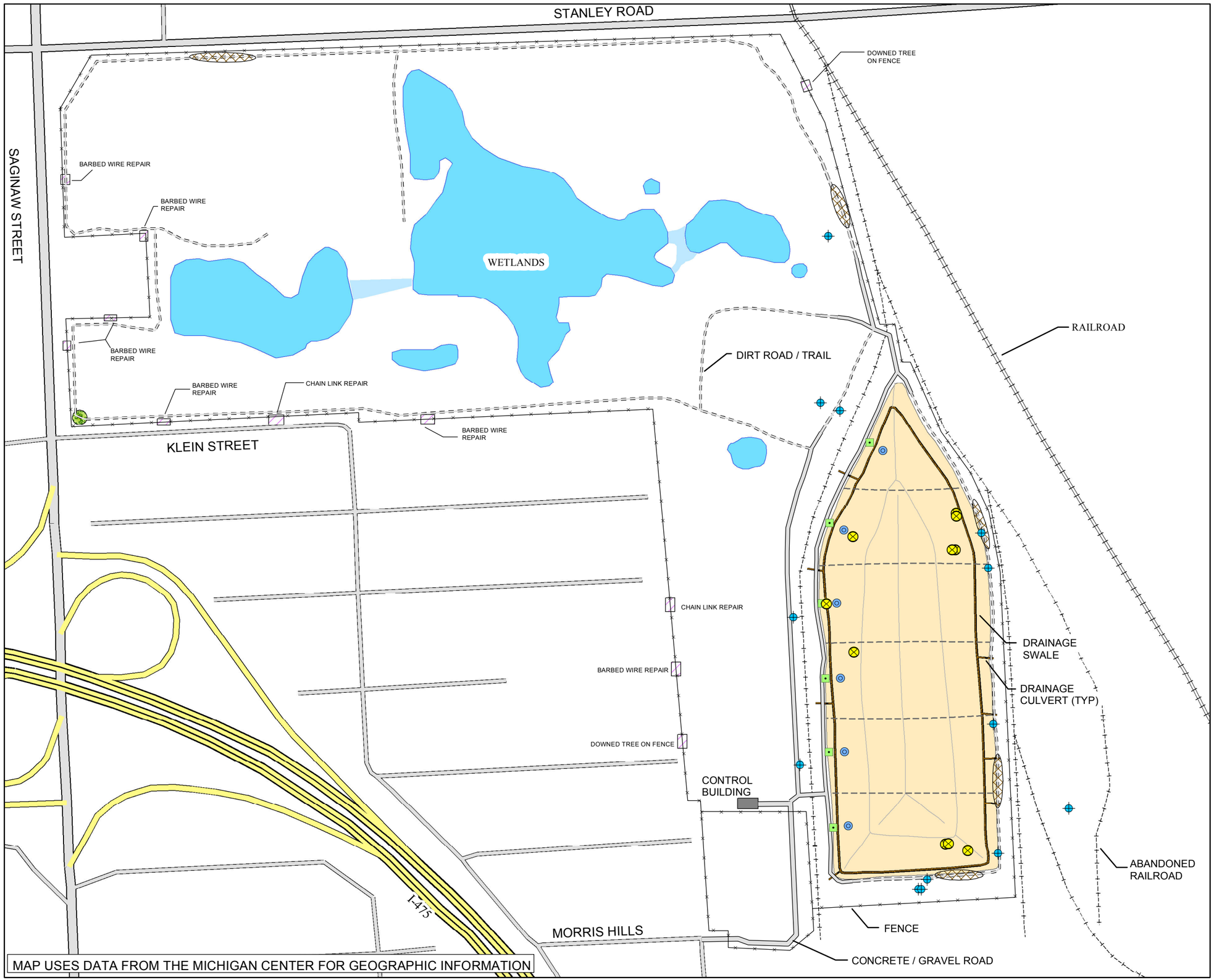
FIGURE 3



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LEGEND

- LEACHATE COLLECTION SUMP
- ACCESS PORT FOR LEAK DETECTION VAULT
- MONITORING WELL LOCATION
- FENCE REPAIR
- EROISON REPAIR
- SHALLOW ROAD RUTS
- ANIMAL BURROW LOCATION

RACER TRUST
COLDWATER ROAD
LANDFILL FACILITY
FLINT, MICHIGAN

2011 INCIDENT LOCATION MAP

0 140 280 420 560
Feet

FEBRUARY 2012
15388/47850-013

O'BRIEN & GERE ENGINEERS, INC.

PLOT DATE: 2/06/2012 kbs

ATTACHMENT A

Inspection Logs

Quarterly Post Closure Inspection Log Sheet

Coldwater Road Landfill Site – Operations and Maintenance
Flint, Michigan
Project No. 39196

Inspector's Name/Title Kevin Schneider Scientist

Inspector's Signature/Date/Time K Schn 3/31/11 11:00

Cap and Berm

Inspect the landfill cap and berms for burrowing animals, soil erosion, slope failures, ponding, washouts, and liner damage/exposure. Indicate the presence or absence of each item. Note identified issues on an attached drawing.

Area of Inspection	Animal Burrows?	Soil Erosion	Slope Failures?	Ponding?	Washouts?	Liner damage or exposure?	If yes to any, describe issue, location, and actions taken
Cell A	No	No	No	No	No	No	
Cell B	Yes	No	No	No	No	No	entry and exit burrow located on east side of cell B
Cell C	No	No	No	No	No	No	
Cell D	No	No	No	No	No	No	
Cell E	No	No	No	No	No	No	
Cell F	Yes	No	No	No	No	No	burrow located on south side of cell F
Berms	No	No	No	No	No	No	

Woody Plant Removal Activities

Summarize monthly activities:

landfill cap was snow covered during the first quarter 2011

Leachate Tank Storage
Inspect for evidence of leakange, and presence of drums, sandbags, shovels at each leachate tank storage location.

Tank

Cracks or holes observed in tank?	No X	Yes___
Liquid dripping or running from tank?	No X	Yes___
Staining observed on the tank surface?	No X	Yes___

Piping

Is piping sagging, cracked or punctured?	No X	Yes___
Liquid dripping or running from piping?	No X	Yes___
Is the tank discharge valve closed and locked?	No___	Yes X
Staining observed on the piping surface?	No X	Yes___

Emergency Response

Are drums present in accumulation building?	No X	Yes___ } spill kit
Are sandbags present in accumulation building?	No X	Yes___
Are shovels present in accumulation building?	No___	Yes X

Vegetation
Inspect landfill cap and berm for areas with sparse vegetation, deep-rooted plants and proper height around equipment and access roads. Describe any identified issues and note on an attached drawing. If no issues are found, indicate "none" in the appropriate box.

Cell	Areas with sparse vegetation present?	Deep-rooted plants present?	Areas around building and equipment mowed?	Access roads mowed and in good condition?
A	Mostly snow cover	None	Yes, mowed last fall snow cover	Yes, mowed last fall snow cover
B				
C				
D				
E				
F				
Berms	cell E Berm has sparse vegetation due to the liner repair			

Access Roads
Inspect for sufficient gravel and proper drainage. Note identified issues on an attached drawing.

Area	Sufficient gravel present?	Proper drainage present?	If no, describe
Roads located approx. west of landfill	Mostly snow covered		
Roads located approx. east of landfill			
Roads located approx. north of wetlands			
Roads located approx. south of wetlands			
Roads located approx. west of wetlands		Ponded water in areas	
Roads located approx. east of wetlands			

Site Perimeter Fence
Inspect all perimeter fencing and gates for damage or unauthorized entry, and proper warning signs. Note identified issues on an attached drawing.

Area	Any damage present?	Signs of unauthorized entry?	Broken or damaged locks on gates?	"Tresspassing Prohibited" and "Private Property" Signs Posted?
Fences along north property line	No	No	No	Yes
Fences along south property line	No	No	No	Yes
Fences along west property line	2 holes in Fence 5 areas w/ missing or cut barb wire	No	No	Yes
Fences along east property line	No	No	No	Yes

Leachate Collection System

Conduct the alarm test,cable test and battery test on a yearly basis as outlined in Section 4 of the post Closure Care Plan. Inspect the system panel boxes for visible signs of damage.

Alarm Test

1. Disconnect the sensor cable.
2. Reconnect the sensor cable. Alarm will reset.

Cable Test

1. Wet a short length of cable to activate the alarm by wetting a section of the cable stored in the containment vault.
2. Dry the cable after the test.

Alarm Test		Cable Test	
Did the system show a fault in the cable?	Was the alarm activated?	Was the alarm activated?	Any damage noted to system panel boxes?
Yes	Yes	Yes	No

Battery Test

1. Turn the power off.
2. Remove the processor card.
3. Remove the battery jumper.
4. Is the voltage across the terminals is < 3.6 VDC?
5. If yes, replace the battery.

Remaining Materials Area

Inspect the soil cover for deep root penetration, burrowing animals, soil erosion, ponding of water and slope failures. Note problems on an attached drawing.

Area of Inspection	Animal Burrows?	Soil Erosion	Slope Failures?	Ponding?	Washouts?	If yes to any, describe issue, location, and actions taken
RMA	No	No	No	No	No	

Drainage Inspections

Inspect the perimeter of the landfill and berm, drainage trenches at the base of the landfill, RMA and wetlands area for potential drainage problems. Check culverts around landfill, western drainage swale and north landfill catch basin for blockage.

Area Inspected	Drainage problem or blockage observed?	Location (note on figure)	Description	Corrective Actions
Perimeter of landfill and berm	No			
Drainage trenches at base of landfill	No			
RMA	No			
Wetlands area	No			
Culverts around landfill	No			
Western drainage swale	No			
North landfill catch basin	No			

3/31/11

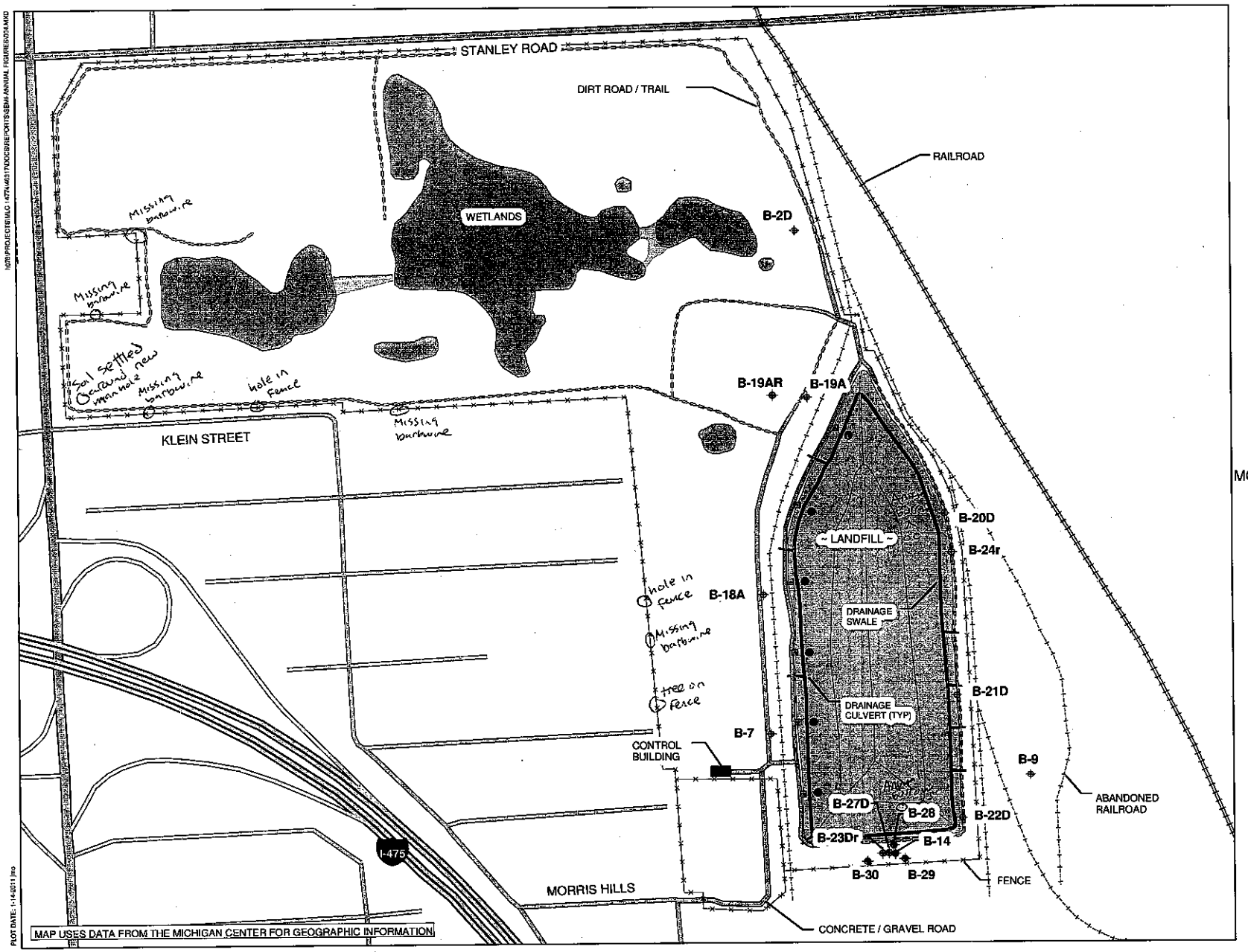

FIGURE 2

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LEGEND

- LEACHATE COLLECTION SUMP
- ACCESS PORT FOR LEAK DETECTION VAULT
- MONITORING WELL
- ABANDONED WELL

MOTORS LIQUIDATION COMPANY
COLDWATER ROAD
LANDFILL FACILITY
FLINT, MICHIGAN

SITE LAYOUT

0 150 300 450 600
Feet

O'BRIEN & GERE ENGINEERS, INC

JANUARY 2011
14774/465317-004

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PLOT DATE: 1-14-2011 jmo

Quarterly Post Closure Inspection Log Sheet

Coldwater Road Landfill Site – Operations and Maintenance
Flint, Michigan
Project No. 47850

Inspector's Name/Title Kevin Schneider - Scientist

Inspector's Signature/Date/Time K Schn 6/17/11 8:00

Cap and Berm

Inspect the landfill cap and berms for burrowing animals, soil erosion, slope failures, ponding, washouts, and liner damage/exposure. Indicate the presence or absence of each item. Note identified issues on an attached drawing.

Area of Inspection	Animal Burrows?	Soil Erosion	Slope Failures?	Ponding?	Washouts?	Liner damage or exposure?	If yes to any, describe issue, location, and actions taken
Cell A	No	No	No	No	No	No	
Cell B	No	No	No	No	No	No	
Cell C	No	No	No	No	No	No	
Cell D	No	No	No	No	No	No	
Cell E	No	No	No	No	No	No	
Cell F	Yes	No	No	No	No	No	2 animal burrows found @ F4
Berms	No	No	No	No	No	No	

Woody Plant Removal Activities

Summarize monthly activities: Removed Woody Plants during quarterly inspection

Leachate Tank Storage

Inspect for evidence of leakange, and presence of drums, sandbags, shovels at each leachate tank storage location.

Tank

Cracks or holes observed in tank?	No X	Yes___
Liquid dripping or running from tank?	No X	Yes___
Staining observed on the tank surface?	No X	Yes___

Piping

Is piping sagging, cracked or punctured?	No X	Yes___
Liquid dripping or running from piping?	No X	Yes___
Is the tank discharge valve closed and locked?	No___	Yes X
Staining observed on the piping surface?	No X	Yes___

Emergency Response

Are drums present in accumulation building?	No X	Yes___
Are sandbags present in accumulation building?	No X	Yes___ → spill kit
Are shovels present in accumulation building?	No___	Yes X

Vegetation

Inspect landfill cap and berm for areas with sparse vegetation, deep-rooted plants and proper height around equipment and access roads. Describe any identified issues and note on an attached drawing. If no issues are found, indicate "none" in the appropriate box.

Cell	Areas with sparse vegetation present?	Deep-rooted plants present?	Areas around building and equipment mowed?	Access roads mowed and in good condition?
A	None	None	Yes	Yes
B				
C				
D				
E				
F				
Berms				

Access Roads

Inspect for sufficient gravel and proper drainage. Note identified issues on an attached drawing.

Area	Sufficient gravel present?	Proper drainage present?	If no, describe
Roads located approx. west of landfill	Yes	Yes	
Roads located approx. east of landfill	↓	↓	
Roads located approx. north of wetlands	↓	↓	
Roads located approx. south of wetlands	↓	↓	
Roads located approx. west of wetlands	↓	↓	
Roads located approx. east of wetlands	↓	↓	

Site Perimeter Fence

Inspect all perimeter fencing and gates for damage or unauthorized entry, and proper warning signs. Note identified issues on an attached drawing.

Area	Any damage present?	Signs of unauthorized entry?	Broken or damaged locks on gates?	"Tresspassing Prohibited" and "Private Property" Signs Posted?
Fences along north property line	No	No	No	Yes
Fences along south property line	↓	↓	↓	↓
Fences along west property line	↓	↓	↓	↓
Fences along east property line	↓	↓	↓	↓

Leachate Collection System

Conduct the alarm test,cable test and battery test on a yearly basis as outlined in Section 4 of the post Closure Care Plan. Inspect the system panel boxes for visible signs of damage.

Alarm Test

1. Disconnect the sensor cable.
2. Reconnect the sensor cable. Alarm will reset.

Cable Test

1. Wet a short length of cable to activate the alarm by wetting a section of the cable stored in the containment vault.
2. Dry the cable after the test.

Alarm Test		Cable Test	
Did the system show a fault in the cable?	Was the alarm activated?	Was the alarm activated?	Any damage noted to system panel boxes?
Yes	Yes	Yes	No

Battery Test

1. Turn the power off.
2. Remove the processor card.
3. Remove the battery jumper.
4. Is the voltage across the terminals is < 3.6 VDC?
5. If yes, replace the battery.

Remaining Materials Area

Inspect the soil cover for deep root penetration, burrowing animals, soil erosion, ponding of water and slope failures. Note problems on an attached drawing.

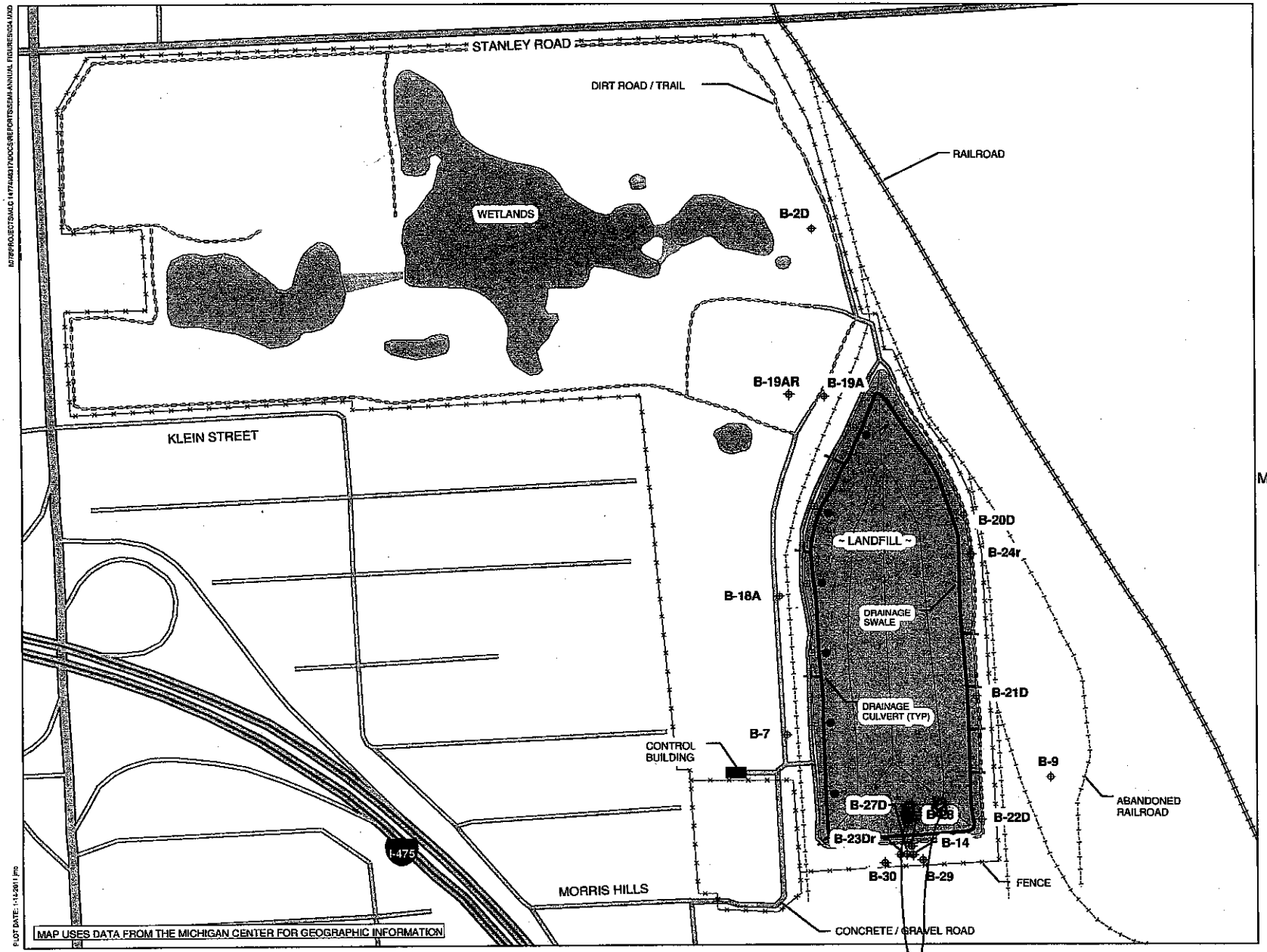
Area of Inspection	Animal Burrows?	Soil Erosion	Slope Failures?	Ponding?	Washouts?	If yes to any, describe issue, location, and actions taken
RMA	No	No	No	No	No	

Drainage Inspections

Inspect the perimeter of the landfill and berm, drainage trenches at the base of the landfill, RMA and wetlands area for potential drainage problems. Check culverts around landfill, western drainage swale and north landfill catch basin for blockage.

Area Inspected	Drainage problem or blockage observed?	Location (note on figure)	Description	Corrective Actions
Perimeter of landfill and berm	No			
Drainage trenches at base of landfill	No			
RMA	No			
Wetlands area	No			
Culverts around landfill	No			
Western drainage swale	No			
North landfill catch basin	No			

6/17/11



Animal Burrows

FIGURE 2

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LEGEND

- LEACHATE COLLECTION SUMP
- ACCESS PORT FOR LEAK DETECTION VAULT
- MONITORING WELL
- ABANDONED WELL

MOTORS LIQUIDATION COMPANY
COLDWATER ROAD
LANDFILL FACILITY
FLINT, MICHIGAN

SITE LAYOUT

0 150 300 450 600
Feet

O'BRIEN & GERE ENGINEERS, INC

JANUARY 2011
14774/46317-004

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PLOT DATE: 1-14-2011 Pro

Quarterly Post Closure Inspection Log Sheet

Coldwater Road Landfill Site – Operations and Maintenance
Flint, Michigan
Project No. 46317

Inspector's Name/Title Kevin Schneider Scientist

Inspector's Signature/Date/Time K Schn 9/29/11

Cap and Berm

Inspect the landfill cap and berms for burrowing animals, soil erosion, slope failures, ponding, washouts, and liner damage/exposure. Indicate the presence or absence of each item. Note identified issues on an attached drawing.

Area of Inspection	Animal Burrows?	Soil Erosion	Slope Failures?	Ponding?	Washouts?	Liner damage or exposure?	If yes to any, describe issue, location, and actions taken
Cell A	No	No	No	No	No	No	
Cell B	Yes	No	No	No	No	No	1 burrow located on eastside Middle of slope. Appeared inactive filled in
Cell C	No	No	No	No	No	No	
Cell D	Yes	No	No	No	No	No	1 burrow located on eastside middle of slope. Trap was set no activity filled in
Cell E	No	No	No	No	No	No	
Cell F	No	No	No	No	No	No	
Berms	No	No	No	No	No	No	

Woody Plant Removal Activities

Summarize monthly activities:

Woody plants were removed throughout the quarter during inspections of the landfill cap

Leachate Tank Storage

Inspect for evidence of leakange, and presence of drums, sandbags, shovels at each leachate tank storage location.

Tank

Cracks or holes observed in tank?	No X	Yes___
Liquid dripping or running from tank?	No X	Yes___
Staining observed on the tank surface?	No X	Yes___

Piping

Is piping sagging, cracked or punctured?	No X	Yes___
Liquid dripping or running from piping?	No X	Yes___
Is the tank discharge valve closed and locked?	No___	Yes X
Staining observed on the piping surface?	No X	Yes___

Emergency Response

Are drums present in accumulation building?	No X	Yes___
Are sandbags present in accumulation building?	No X*	Yes___
Are shovels present in accumulation building?	No___	Yes X

* spill Kit in building

Vegetation

Inspect landfill cap and berm for areas with sparse vegetation, deep-rooted plants and proper height around equipment and access roads. Describe any identified issues and note on an attached drawing. If no issues are found, indicate "none" in the appropriate box.

Cell	Areas with sparse vegetation present?	Deep-rooted plants present?	Areas around building and equipment mowed?	Access roads mowed and in good condition?
A	No		No have not been mowed since June	No, have not been mowed since June
B	No		↓	↓
C	No		↓	↓
D	No		↓	↓
E	No		↓	↓
F	No		↓	↓
Berms	No		↓	↓
			Scheduled for next quarter	

Access Roads

pect for sufficient gravel and proper drainage. Note identified issues on an attached drawing.

Area	Sufficient gravel present?	Proper drainage present?	If no, describe
Roads located approx. west of landfill	Yes	Yes	
Roads located approx. east of landfill	Yes	Yes	
Roads located approx. north of wetlands	Yes	Yes	
Roads located approx. south of wetlands	Yes	Yes	
Roads located approx. west of wetlands	Yes	Yes	
Roads located approx. east of wetlands	Yes	Yes	

Site Perimeter Fence

Inspect all perimeter fencing and gates for damage or unauthorized entry, and proper warning signs. Note identified issues on an attached drawing.

Area	Any damage present?	Signs of unauthorized entry?	Broken or damaged locks on gates?	"Tresspassing Prohibited" and "Private Property" Signs Posted?
Fences along north property line	No	No	No	Yes
Fences along south property line	No	No	No	Yes
Fences along west property line	1 hole in fence 1 area w/ down barbwire	No	No	Yes
Fences along east property line	No	No	NO	Yes

Leachate Collection System

Conduct the alarm test,cable test and battery test on a yearly basis as outlined in Section 4 of the post Closure Care Plan. Inspect the system panel boxes for visible signs of damage.

Alarm Test

1. Disconnect the sensor cable.
2. Reconnect the sensor cable. Alarm will reset.

Cable Test

1. Wet a short length of cable to activate the alarm by wetting a section of the cable stored in the containment vault.
2. Dry the cable after the test.

Alarm Test		Cable Test	
Did the system show a fault in the cable?	Was the alarm activated?	Was the alarm activated?	Any damage noted to system panel boxes?
Yes	Yes	Yes	No

Battery Test

1. Turn the power off.
2. Remove the processor card.
3. Remove the battery jumper.
4. Is the voltage across the terminals is < 3.6 VDC?
5. If yes, replace the battery.

Remaining Materials Area

Inspect the soil cover for deep root penetration, burrowing animals, soil erosion, ponding of water and slope failures. Note problems on an attached drawing.

Area of Inspection	Animal Burrows?	Soil Erosion	Slope Failures?	Ponding?	Washouts?	If yes to any, describe issue, location, and actions taken
RMA	No	No	No	No	No	

Drainage Inspections

Inspect the perimeter of the landfill and berm, drainage trenches at the base of the landfill, RMA and wetlands area for potential drainage problems. Check culverts around landfill, western drainage swale and north landfill catch basin for blockage.

Area Inspected	Drainage problem or blockage observed?	Location (note on figure)	Description	Corrective Actions
Perimeter of landfill and berm	No			
Drainage trenches at base of landfill	No			
RMA	No			
Wetlands area	No			
Culverts around landfill	No			
Western drainage swale	No			
North landfill catch basin	No			

3rd Quarter

9/29/11

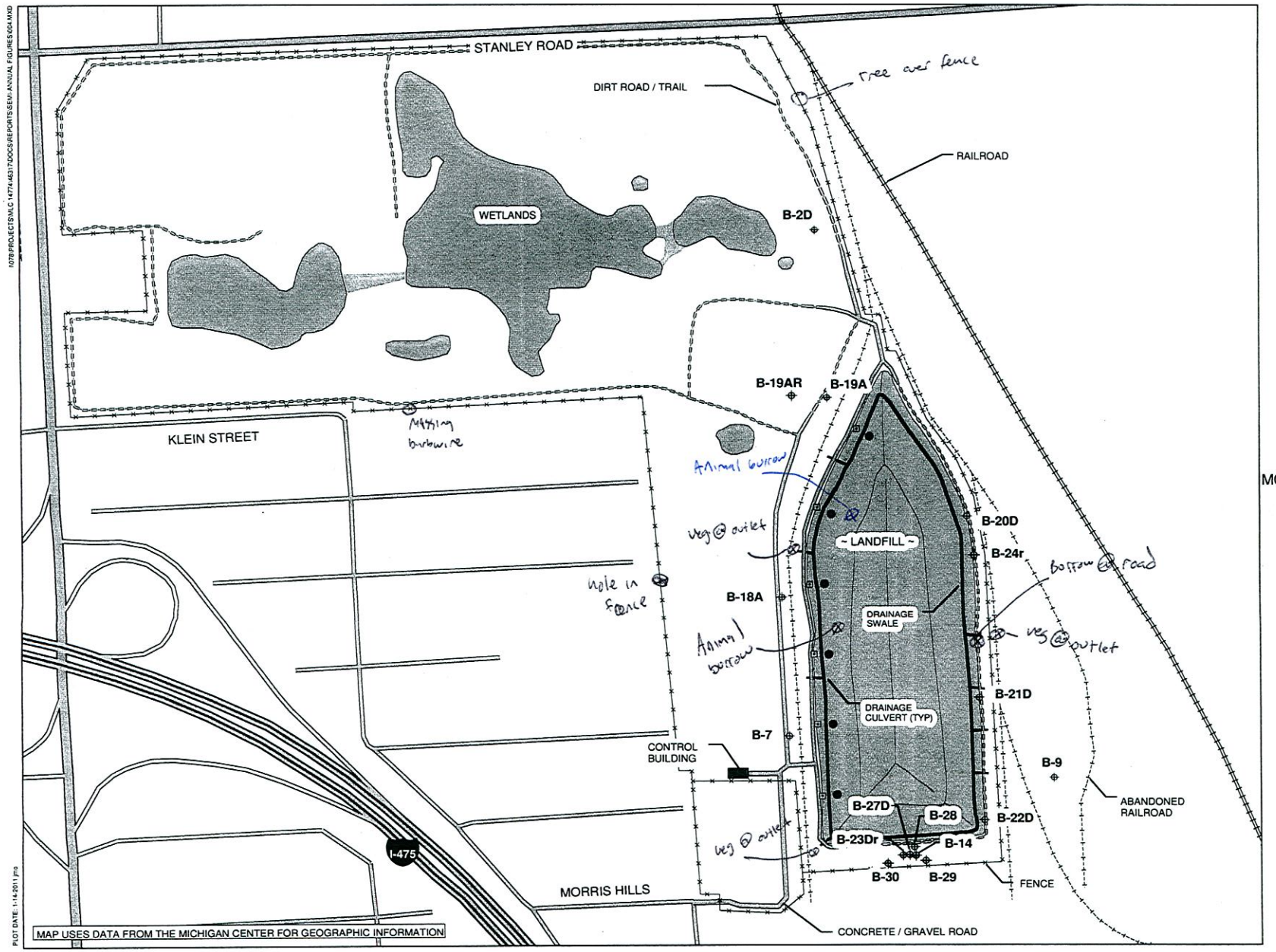

FIGURE 2

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LEGEND

- LEACHATE COLLECTION SUMP
- ACCESS PORT FOR LEAK DETECTION VAULT
- MONITORING WELL
- ABANDONED WELL

MOTORS LIQUIDATION COMPANY
COLDWATER ROAD
LANDFILL FACILITY
FLINT, MICHIGAN

SITE LAYOUT

0 150 300 450 600
Feet

O'BRIEN & GERE ENGINEERS, INC

JANUARY 2011
14774/46317-004

PLOT DATE: 1-14-2011 jmo

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Quarterly Post Closure Inspection Log Sheet

Coldwater Road Landfill Site – Operations and Maintenance
Flint, Michigan
Project No. 47850

Inspector's Name/Title Kevin Schneider

Inspector's Signature/Date/Time K Schn 12/23/11 900 am

Cap and Berm

Inspect the landfill cap and berms for burrowing animals, soil erosion, slope failures, ponding, washouts, and liner damage/exposure. Indicate the presence or absence of each item. Note identified issues on an attached drawing.

Area of Inspection	Animal Burrows?	Soil Erosion	Slope Failures?	Ponding?	Washouts?	Liner damage or exposure?	If yes to any, describe issue, location, and actions taken
Cell A	No	No	No	No	No	No	
Cell B	Yes	No	No	No	No	No	~~One~~ two burrows on east slope appeared inactive - filled in entry & exit
Cell C	Yes	No	No	No	No	No	one burrow on west on edge of culvert filled in burrow
Cell D	No	No	No	No	No	No	
Cell E	No	No	No	No	No	No	
Cell F	No	No	No	No	No	No	
Berms	No	No	No	No	No	No	

Woody Plant Removal Activities

Summarize monthly activities: Woody plants were removed throughout the quarter during inspections of the landfill

Leachate Tank Storage

Inspect for evidence of leakange, and presence of drums, sandbags, shovels at each leachate tank storage location.

Tank

Cracks or holes observed in tank?	No X	Yes___
Liquid dripping or running from tank?	No X	Yes___
Staining observed on the tank surface?	No X	Yes___

Piping

Is piping sagging, cracked or punctured?	No X	Yes___
Liquid dripping or running from piping?	No X	Yes___
Is the tank discharge valve closed and locked?	No___	Yes X
Staining observed on the piping surface?	No X	Yes___

Emergency Response

Are drums present in accumulation building?	No X	Yes___
Are sandbags present in accumulation building?	No X	Yes___ Spill Kit in building
Are shovels present in accumulation building?	No___	Yes X

Vegetation

Inspect landfill cap and berm for areas with sparse vegetation, deep-rooted plants and proper height around equipment and access roads. Describe any identified issues and note on an attached drawing. If no issues are found, indicate "none" in the appropriate box.

Cell	Areas with sparse vegetation present?	Deep-rooted plants present?	Areas around building and equipment mowed?	Access roads mowed and in good condition?
A	No	No	Yes	Yes
B	No	No		
C	No	No		
D	No	No		
E	No	No		
F	No	No		
Berms	No	No		

Access Roads

Inspect for sufficient gravel and proper drainage. Note identified issues on an attached drawing.

Area	Sufficient gravel present?	Proper drainage present?	If no, describe
Roads located approx. west of landfill	Yes	Yes	
Roads located approx. east of landfill	Yes	Yes	
Roads located approx. north of wetlands	Yes	No	water ponded in ruts
Roads located approx. south of wetlands	Yes	Yes	
Roads located approx. west of wetlands	Yes	Yes	
Roads located approx. east of wetlands	Yes	Yes	

Site Perimeter Fence

Inspect all perimeter fencing and gates for damage or unauthorized entry, and proper warning signs. Note identified issues on an attached drawing.

Area	Any damage present?	Signs of unauthorized entry?	Broken or damaged locks on gates?	"Tresspassing Prohibited" and "Private Property" Signs Posted?
Fences along north property line	barbwire down in two sections	No	No	Yes
Fences along south property line	No	No	No	Yes
Fences along west property line	No	No	No	Yes
Fences along east property line	No	No	No	Yes

Leachate Collection System

Conduct the alarm test,cable test and battery test on a yearly basis as outlined in Section 4 of the post Closure Care Plan. Inspect the system panel boxes for visible signs of damage.

Alarm Test

1. Disconnect the sensor cable.
2. Reconnect the sensor cable. Alarm will reset.

Cable Test

1. Wet a short length of cable to activate the alarm by wetting a section of the cable stored in the containment vault.
2. Dry the cable after the test.

Alarm Test		Cable Test	
Did the system show a fault in the cable?	Was the alarm activated?	Was the alarm activated?	Any damage noted to system panel boxes?
Yes	Yes	Yes	NB

Battery Test

1. Turn the power off.
2. Remove the processor card.
3. Remove the battery jumper.
4. Is the voltage across the terminals is < 3.6 VDC?
5. If yes, replace the battery.

Remaining Materials Area

Inspect the soil cover for deep root penetration, burrowing animals, soil erosion, ponding of water and slope failures. Note problems on an attached drawing.

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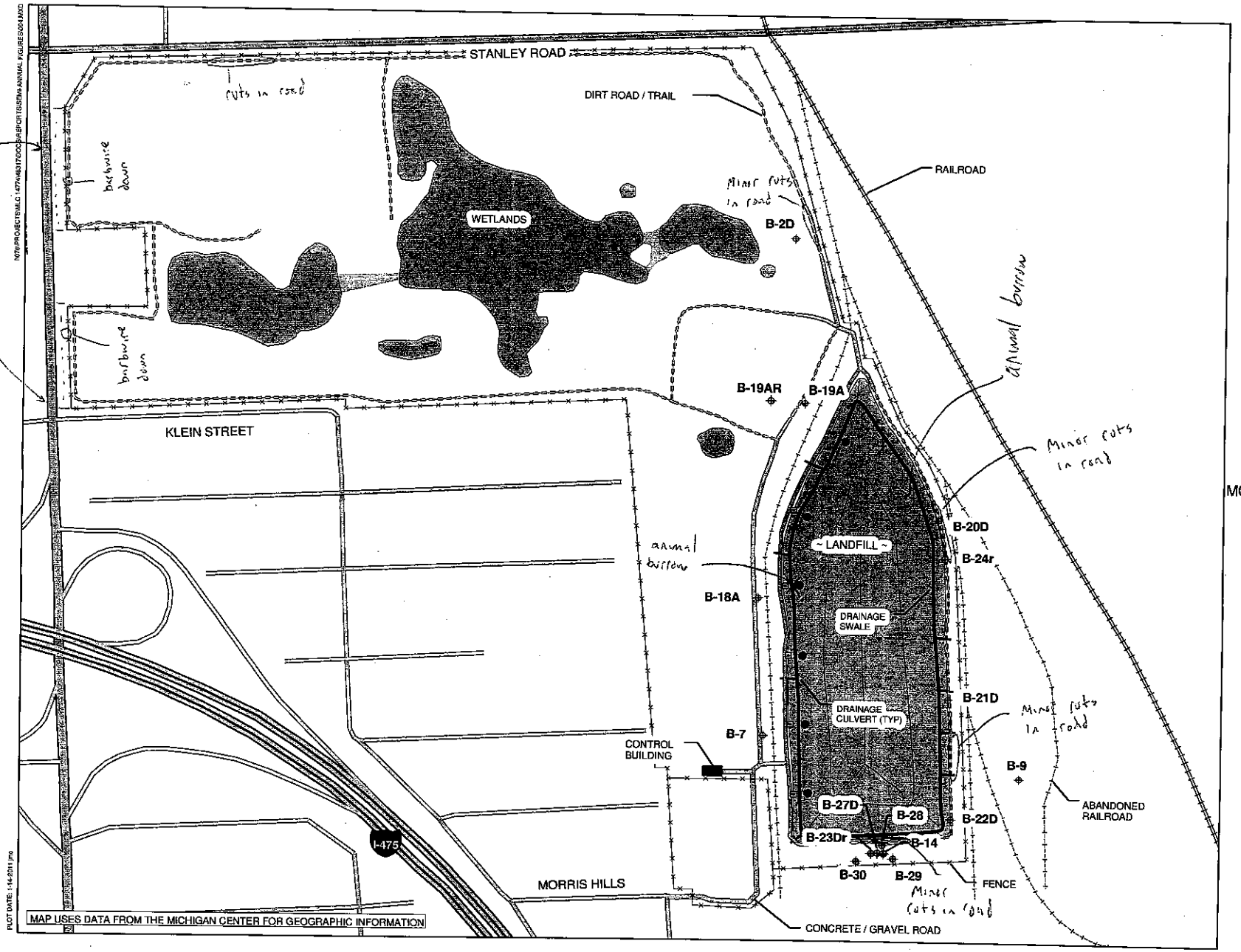

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