

III. ON-SITE DOCUMENTS & RECORDS VERIFIED (Check all that apply)				
1.	O&M Documents			
	<input checked="" type="checkbox"/> O&M manual	<input checked="" type="checkbox"/> Readily available	G Up to date	G N/A
	G As-built drawings	G Readily available	G Up to date	G N/A
	<input checked="" type="checkbox"/> Maintenance logs	<input checked="" type="checkbox"/> Readily available	G Up to date	G N/A
	Remarks <u>Kept at POTW some documents also at City Hall. Current gas system documents at POTW</u>			
2.	Site-Specific Health and Safety Plan	<input checked="" type="checkbox"/> Readily available	G Up to date	G N/A
	<input checked="" type="checkbox"/> Contingency plan/emergency response plan	<input checked="" type="checkbox"/> Readily available	G Up to date	G N/A
	Remarks <u>Kept at POTW for gas system</u>			
3.	O&M and OSHA Training Records	G Readily available	G Up to date	G N/A
	Remarks _____			
4.	Permits and Service Agreements			
	G Air discharge permit	G Readily available	G Up to date	G N/A
	G Effluent discharge	G Readily available	G Up to date	G N/A
	G Waste disposal, POTW	G Readily available	G Up to date	G N/A
	G Other permits	G Readily available	G Up to date	G N/A
	Remarks _____			
5.	Gas Generation Records	<input checked="" type="checkbox"/> Readily available	G Up to date	G N/A
	Remarks <u>At POTW, failed to consultant</u>			
6.	Settlement Monument Records	G Readily available	G Up to date	<input checked="" type="checkbox"/> N/A
	Remarks _____			
7.	Groundwater Monitoring Records	<input checked="" type="checkbox"/> Readily available	G Up to date	G N/A
	Remarks <u>Kept by consultant</u>			
8.	Leachate Extraction Records	G Readily available	G Up to date	<input checked="" type="checkbox"/> N/A
	Remarks _____			
9.	Discharge Compliance Records			
	G Air	G Readily available	G Up to date	<input checked="" type="checkbox"/> N/A
	G Water (effluent)	<input checked="" type="checkbox"/> Readily available	G Up to date	G N/A
	Remarks <u>Condensate, hauled to POTW records kept at POTW</u>			
10.	Daily Access/Security Logs	<input checked="" type="checkbox"/> Readily available	G Up to date	G N/A
	Remarks <u>Kept at POTW site inspected every Friday</u>			

C. Institutional Controls (ICs)			
1.	Implementation and enforcement		
	Site conditions imply ICs not properly implemented	G Yes	G No
	Site conditions imply ICs not being fully enforced	G Yes	G No
	Type of monitoring (e.g., self-reporting, drive by) _____		
	Frequency _____		
	Responsible party/agency _____		
	Contact _____		
	Name	Title	Date
	Phone no.		
	Reporting is up-to-date	G Yes	G No
	Reports are verified by the lead agency	G Yes	G No
	Specific requirements in deed or decision documents have been met	G Yes	G No
	Violations have been reported	G Yes	G No
	Other problems or suggestions: G Report attached		

2.	Adequacy	G ICs are adequate	G ICs are inadequate
	Remarks _____		

D. General			
1.	Vandalism/trespassing	G Location shown on site map	<input checked="" type="checkbox"/> No vandalism evident
	Remarks <i>Although site not fully fenced, no evidence of trespass or problems</i>		
2.	Land use changes on site	<input checked="" type="checkbox"/> N/A	<i>None</i>
	Remarks _____		
3.	Land use changes off site	<input checked="" type="checkbox"/> N/A	<i>None recently</i>
	Remarks _____		

VI. GENERAL SITE CONDITIONS			
A. Roads	G Applicable	<input checked="" type="checkbox"/> N/A	<i>No roads, short driveways</i>
1.	Roads damaged	G Location shown on site map	G Roads adequate
	Remarks <i>No damage to driveways</i>		<input checked="" type="checkbox"/> N/A

B. Other Site Conditions			
Remarks _____ _____ _____ _____ _____			
VII. LANDFILL COVERS <input type="checkbox"/> Applicable <input type="checkbox"/> N/A			
A. Landfill Surface			
1.	Settlement (Low spots) Areal extent _____ Remarks _____	<input type="checkbox"/> Location shown on site map Depth _____	<input type="checkbox"/> Settlement not evident
2.	Cracks Lengths _____ Widths _____ Remarks _____	<input type="checkbox"/> Location shown on site map Depths _____	<input type="checkbox"/> Cracking not evident
3.	Erosion Areal extent _____ Remarks _____	<input type="checkbox"/> Location shown on site map Depth _____	<input type="checkbox"/> Erosion not evident
4.	Holes Areal extent _____ Remarks _____	<input type="checkbox"/> Location shown on site map Depth _____	<input type="checkbox"/> Holes not evident
5.	Vegetative Cover G Trees/Shrubs (indicate size and locations on a diagram) Remarks _____	<input type="checkbox"/> Grass <input type="checkbox"/> Cover properly established	<input type="checkbox"/> No signs of stress
6.	Alternative Cover (armored rock, concrete, etc.) Remarks _____	<input type="checkbox"/> N/A	
7.	Bulges Areal extent _____ Remarks _____	<input type="checkbox"/> Location shown on site map Height _____	<input type="checkbox"/> Bulges not evident

8.	Wet Areas/Water Damage	<input checked="" type="checkbox"/> Wet areas/water damage not evident	
	<input type="checkbox"/> Wet areas	<input type="checkbox"/> Location shown on site map	Areal extent _____
	<input type="checkbox"/> Ponding	<input type="checkbox"/> Location shown on site map	Areal extent _____
	<input type="checkbox"/> Seeps	<input type="checkbox"/> Location shown on site map	Areal extent _____
	<input type="checkbox"/> Soft subgrade	<input type="checkbox"/> Location shown on site map	Areal extent _____
	Remarks _____		
9.	Slope Instability	<input type="checkbox"/> Slides <input type="checkbox"/> Location shown on site map	<input checked="" type="checkbox"/> No evidence of slope instability
	Areal extent _____		
	Remarks _____		
B. Benches			
	<input type="checkbox"/> Applicable	<input checked="" type="checkbox"/> N/A	
(Horizontally constructed mounds of earth placed across a steep landfill side slope to interrupt the slope in order to slow down the velocity of surface runoff and intercept and convey the runoff to a lined channel.)			
1.	Flows Bypass Bench	<input type="checkbox"/> Location shown on site map	<input checked="" type="checkbox"/> N/A or okay
	Remarks _____		
2.	Bench Breached	<input type="checkbox"/> Location shown on site map	<input checked="" type="checkbox"/> N/A or okay
	Remarks _____		
3.	Bench Overtopped	<input type="checkbox"/> Location shown on site map	<input checked="" type="checkbox"/> N/A or okay
	Remarks _____		
C. Letdown Channels			
	<input type="checkbox"/> Applicable	<input checked="" type="checkbox"/> N/A	
(Channel lined with erosion control mats, riprap, grout bags, or gabions that descend down the steep side slope of the cover and will allow the runoff water collected by the benches to move off of the landfill cover without creating erosion gullies.)			
1.	Settlement	<input type="checkbox"/> Location shown on site map	<input checked="" type="checkbox"/> No evidence of settlement
	Areal extent _____	Depth _____	
	Remarks _____		
2.	Material Degradation	<input type="checkbox"/> Location shown on site map	<input checked="" type="checkbox"/> No evidence of degradation
	Material type _____	Areal extent _____	
	Remarks _____		
3.	Erosion	<input type="checkbox"/> Location shown on site map	<input checked="" type="checkbox"/> No evidence of erosion
	Areal extent _____	Depth _____	
	Remarks _____		

4.	Undercutting	G Location shown on site map	G No evidence of undercutting
	Areal extent _____	Depth _____	
	Remarks _____		

5.	Obstructions	Type _____	G No obstructions
	G Location shown on site map	Areal extent _____	
	Size _____		
	Remarks _____		

6.	Excessive Vegetative Growth	Type _____	
	G No evidence of excessive growth		
	G Vegetation in channels does not obstruct flow		
	G Location shown on site map	Areal extent _____	
	Remarks _____		

D. Cover Penetrations G Applicable G N/A			
1.	Gas Vents	G Active	G Passive
	G Properly secured/locked	G Functioning	G Routinely sampled G Good condition
	G Evidence of leakage at penetration		G Needs Maintenance
	G N/A		
	Remarks _____		

2.	Gas Monitoring Probes		
	G Properly secured/locked	G Functioning	G Routinely sampled G Good condition
	G Evidence of leakage at penetration		G Needs Maintenance G N/A
	Remarks _____		

3.	Monitoring Wells (within surface area of landfill)		
	G Properly secured/locked	G Functioning	G Routinely sampled G Good condition
	G Evidence of leakage at penetration		G Needs Maintenance G N/A
	Remarks _____		

4.	Leachate Extraction Wells		
	G Properly secured/locked	G Functioning	G Routinely sampled G Good condition
	G Evidence of leakage at penetration		G Needs Maintenance G N/A
	Remarks _____		

5.	Settlement Monuments	G Located	G Routinely surveyed G N/A
	Remarks _____		

E. Gas Collection and Treatment			<input checked="" type="checkbox"/> Applicable	G N/A
1.	Gas Treatment Facilities		<input type="checkbox"/> Flaring	<input type="checkbox"/> Thermal destruction
	<input checked="" type="checkbox"/> Good condition	<input type="checkbox"/> Needs Maintenance	<input type="checkbox"/> Collection for reuse	
	Remarks: <i>Considered an interim system, no permanent blower house, Gas is vented w/o treatment</i>			
2.	Gas Collection Wells, Manifolds and Piping		<input checked="" type="checkbox"/> Good condition	<input type="checkbox"/> Needs Maintenance
	Remarks: _____			
3.	Gas Monitoring Facilities (e.g., gas monitoring of adjacent homes or buildings)		<input checked="" type="checkbox"/> Good condition	<input type="checkbox"/> Needs Maintenance
	Remarks: <i>Gas probes</i>		<input type="checkbox"/> N/A	
F. Cover Drainage Layer			<input type="checkbox"/> Applicable	G N/A
1.	Outlet Pipes Inspected	<input type="checkbox"/> Functioning	<input checked="" type="checkbox"/> N/A	
	Remarks: _____			
2.	Outlet Rock Inspected	<input type="checkbox"/> Functioning	<input checked="" type="checkbox"/> N/A	
	Remarks: _____			
G. Detention/Sedimentation Ponds			<input type="checkbox"/> Applicable	<input checked="" type="checkbox"/> N/A
1.	Siltation Areal extent _____	Depth _____	<input type="checkbox"/> N/A	
	<input type="checkbox"/> Siltation not evident			
	Remarks: _____			
2.	Erosion Areal extent _____	Depth _____	<input type="checkbox"/> N/A	
	<input type="checkbox"/> Erosion not evident			
	Remarks: _____			
3.	Outlet Works	<input type="checkbox"/> Functioning	<input type="checkbox"/> N/A	
	Remarks: _____			
4.	Dam	<input type="checkbox"/> Functioning	<input type="checkbox"/> N/A	
	Remarks: _____			

H. Retaining Walls		G Applicable	G N/A
1.	Deformations Horizontal displacement _____ Rotational displacement _____ Remarks _____	G Location shown on site map	G Deformation not evident Vertical displacement _____
2.	Degradation Remarks _____	G Location shown on site map	G Degradation not evident
I. Perimeter Ditches/Off-Site Discharge		G Applicable	G N/A
1.	Siltation Areal extent _____ Remarks _____	G Location shown on site map	G Siltation not evident Depth _____
2.	Vegetative Growth Areal extent _____ Remarks _____	G Location shown on site map G Vegetation does not impede flow	G N/A Type _____
3.	Erosion Areal extent _____ Remarks _____	G Location shown on site map	G Erosion not evident Depth _____
4.	Discharge Structure Remarks _____	G Functioning	G N/A
VIII. VERTICAL BARRIER WALLS		G Applicable	G N/A
1.	Settlement Areal extent _____ Remarks _____	G Location shown on site map	G Settlement not evident Depth _____
2.	Performance Monitoring Frequency _____ Head differential _____ Remarks _____	Type of monitoring _____ G Performance not monitored	G Evidence of breaching

IX. GROUNDWATER/SURFACE WATER REMEDIES		<input type="checkbox"/> Applicable	<input checked="" type="checkbox"/> N/A
A. Groundwater Extraction Wells, Pumps, and Pipelines		<input type="checkbox"/> Applicable	<input type="checkbox"/> N/A
1.	Pumps, Wellhead Plumbing, and Electrical <input type="checkbox"/> Good condition <input type="checkbox"/> All required wells properly operating <input type="checkbox"/> Needs Maintenance <input type="checkbox"/> N/A Remarks _____ _____		
2.	Extraction System Pipelines, Valves, Valve Boxes, and Other Appurtenances <input type="checkbox"/> Good condition <input type="checkbox"/> Needs Maintenance Remarks _____ _____		
3.	Spare Parts and Equipment <input type="checkbox"/> Readily available <input type="checkbox"/> Good condition <input type="checkbox"/> Requires upgrade <input type="checkbox"/> Needs to be provided Remarks _____ _____		
B. Surface Water Collection Structures, Pumps, and Pipelines		<input type="checkbox"/> Applicable	<input checked="" type="checkbox"/> N/A
1.	Collection Structures, Pumps, and Electrical <input type="checkbox"/> Good condition <input type="checkbox"/> Needs Maintenance Remarks _____ _____		
2.	Surface Water Collection System Pipelines, Valves, Valve Boxes, and Other Appurtenances <input type="checkbox"/> Good condition <input type="checkbox"/> Needs Maintenance Remarks _____ _____		
3.	Spare Parts and Equipment <input type="checkbox"/> Readily available <input type="checkbox"/> Good condition <input type="checkbox"/> Requires upgrade <input type="checkbox"/> Needs to be provided Remarks _____ _____		

C. Treatment System		G Applicable	<input checked="" type="checkbox"/> N/A
1.	Treatment Train (Check components that apply)	G Metals removal G Air stripping G Filters G Additive (e.g., chelation agent, flocculent) G Others	G Oil/water separation G Carbon adsorbers G Bioremediation
		G Good condition G Sampling ports properly marked and functional G Sampling/maintenance log displayed and up to date G Equipment properly identified G Quantity of groundwater treated annually G Quantity of surface water treated annually	G Needs Maintenance
Remarks _____			
2.	Electrical Enclosures and Panels (properly rated and functional)	G N/A	G Good condition G Needs Maintenance
Remarks _____			
3.	Tanks, Vaults, Storage Vessels	G N/A	G Good condition G Proper secondary containment G Needs Maintenance
Remarks _____			
4.	Discharge Structure and Appurtenances	G N/A	G Good condition G Needs Maintenance
Remarks _____			
5.	Treatment Building(s)	G N/A	G Good condition (esp. roof and doorways) G Needs repair
G Chemicals and equipment properly stored Remarks _____			
6.	Monitoring Wells (pump and treatment remedy)	G Properly secured/locked G All required wells located	G Functioning G Needs Maintenance G Routinely sampled G Good condition G N/A
Remarks _____			
D. Monitoring Data			
1.	Monitoring Data	G Is routinely submitted on time	G Is of acceptable quality
2.	Monitoring data suggests:	G Groundwater plume is effectively contained	G Contaminant concentrations are declining

D. Monitored Natural Attenuation	
1.	<p>Monitoring Wells (natural attenuation remedy)</p> <p> <input checked="" type="checkbox"/> Properly secured/locked <input checked="" type="checkbox"/> Functioning <input checked="" type="checkbox"/> Routinely sampled <input checked="" type="checkbox"/> Good condition </p> <p> <input type="checkbox"/> All required wells located <input type="checkbox"/> Needs Maintenance <input type="checkbox"/> N/A </p> <p>Remarks _____</p>
X. OTHER REMEDIES	
<p>If there are remedies applied at the site which are not covered above, attach an inspection sheet describing the physical nature and condition of any facility associated with the remedy. An example would be soil vapor extraction.</p>	
XI. OVERALL OBSERVATIONS	
A. Implementation of the Remedy	
<p>Describe issues and observations relating to whether the remedy is effective and functioning as designed. Begin with a brief statement of what the remedy is to accomplish (i.e., to contain contaminant plume, minimize infiltration and gas emission, etc.).</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	
B. Adequacy of O&M	
<p>Describe issues and observations related to the implementation and scope of O&M procedures. In particular, discuss their relationship to the current and long-term protectiveness of the remedy.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	

C. Early Indicators of Potential Remedy Problems

Describe issues and observations such as unexpected changes in the cost or scope of O&M or a high frequency of unscheduled repairs, that suggest that the protectiveness of the remedy may be compromised in the future.

D. Opportunities for Optimization

Describe possible opportunities for optimization in monitoring tasks or the operation of the remedy.

F/R 10/13/10

Steve Bang
Mike Noel @ office

Aspen Commonwealth

Ian Stepleton 920-748-3017

Kathy or Karen - for running ad

Setup conf call for MNA data
w/ Jennie and Terry and Mike Noel
About parameters - same field parameters
too - Nitrate & Sulfate

Setup for Thurs or Friday

Deed instrument for site - I suggest
they mention it in IC Plan ^{if} we
require it

* Follow up for O&M plan for gas systems
and Cap and also O&M training
records

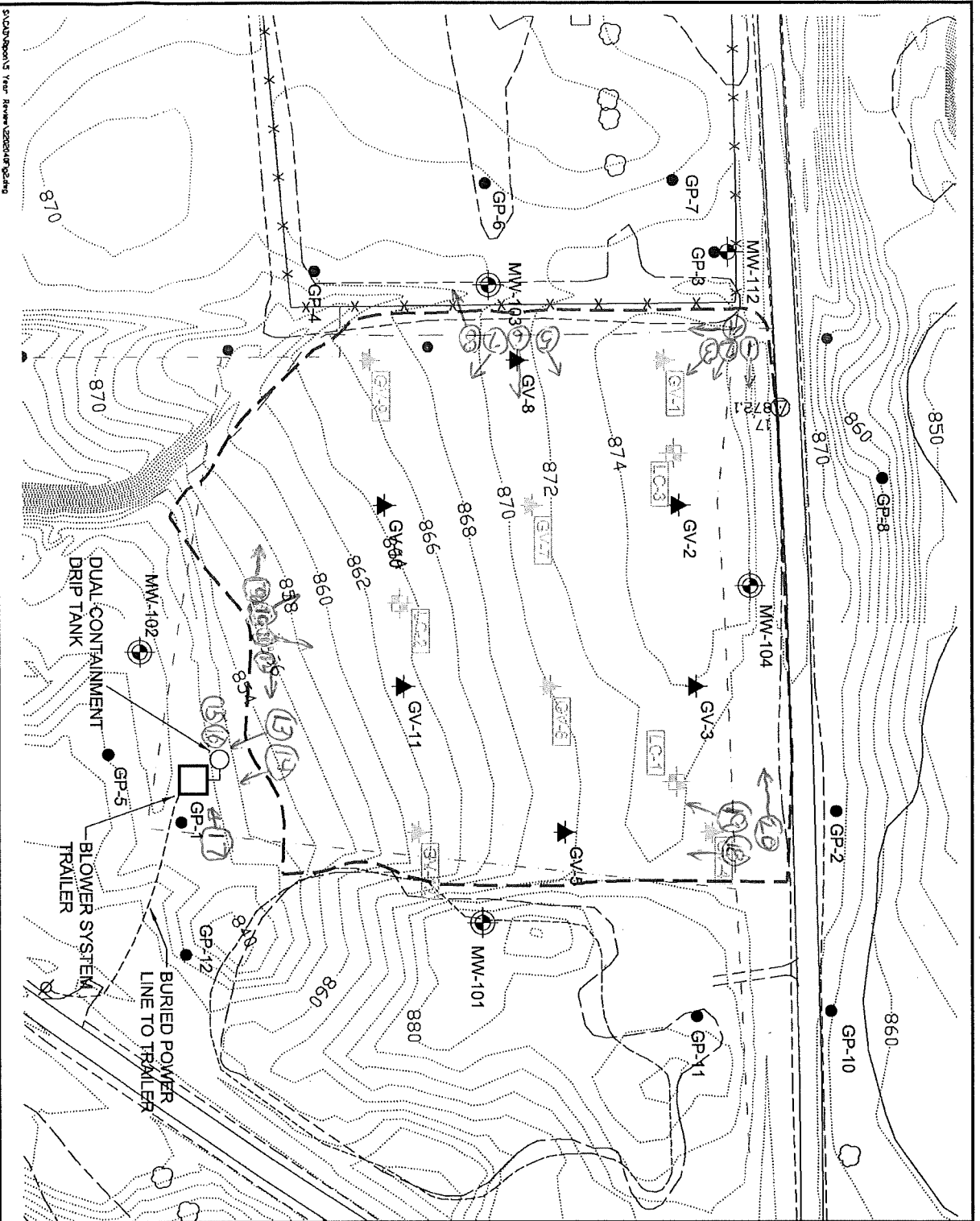
IC Plan (Asphalt Plant/Quarry to NE - pumping changed
plane direction - what letter did Jerry
send

Ask about the ordnance for wells and
what Jennie did

EPA ID # ✓ Weather

Names of gas features for photos ✓
Refine photo map

October 13, 2010
 Inspection Photo Key



EXPLANATION	
	MONITOR WELL LOCATION, DESIGNATION
	LEACHATE HEAD WELL LOCATION, DESIGNATION
	GAS PROBE LOCATION AND DESIGNATION
	GAS VENT LOCATION AND DESIGNATION
	ACTIVE LANDFILL GAS EXTRACTION POINT
	PROPERTY LINE
	OUTLINE OF CLOSED LANDFILL

0 200
 SCALE
 Feet

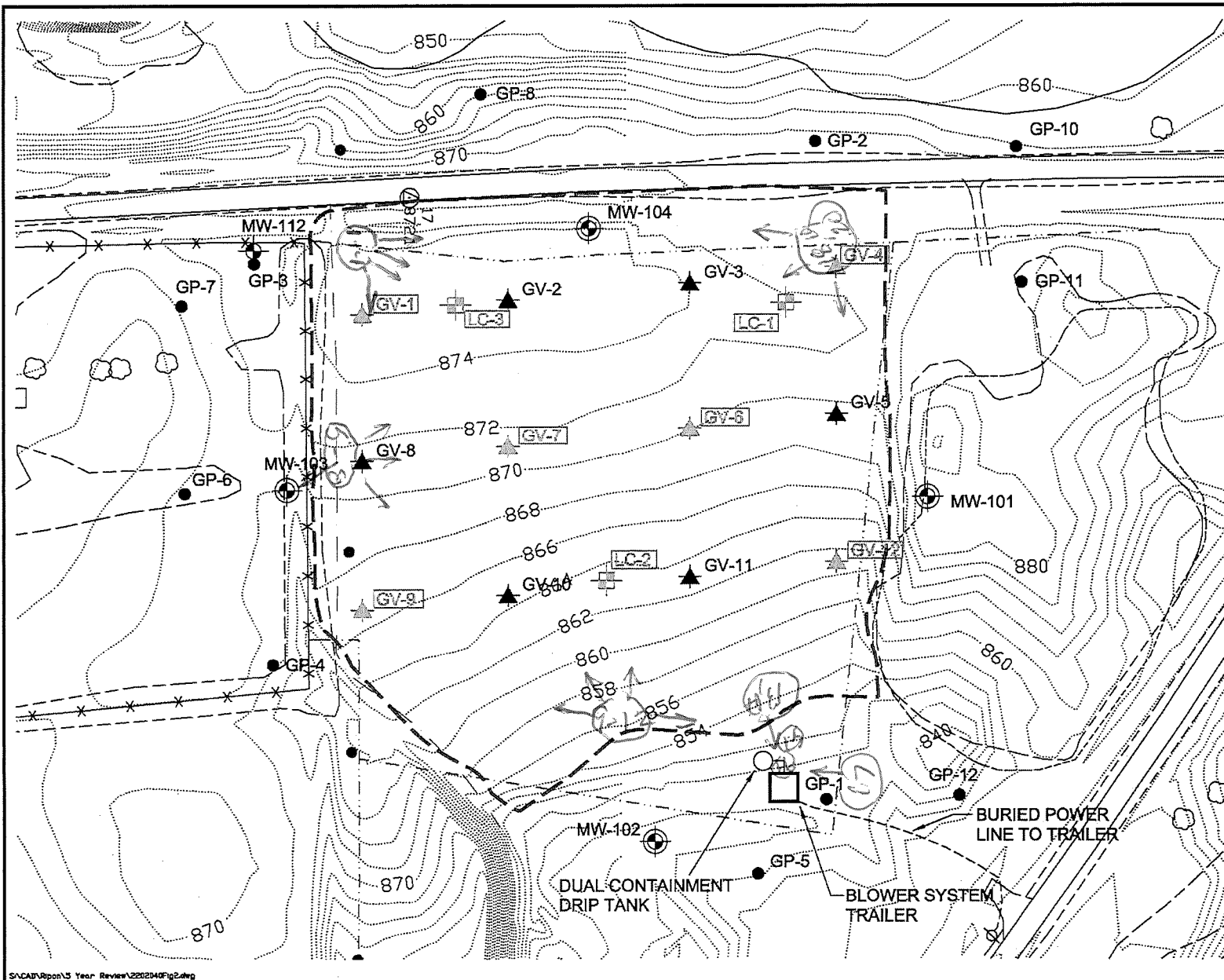
Geotrans, Inc.
 A FERRIS COMPANY

DATE: 10/12/10
DESIGNED: HJW
CHECKED: MRN
APPROVED: MRN
DRAWN: HJW
PROJ.: 117202040

LANDFILL DETAIL

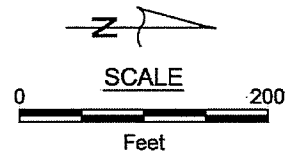
Figure 2

3/10/2010 10:58 AM Review 22824179248



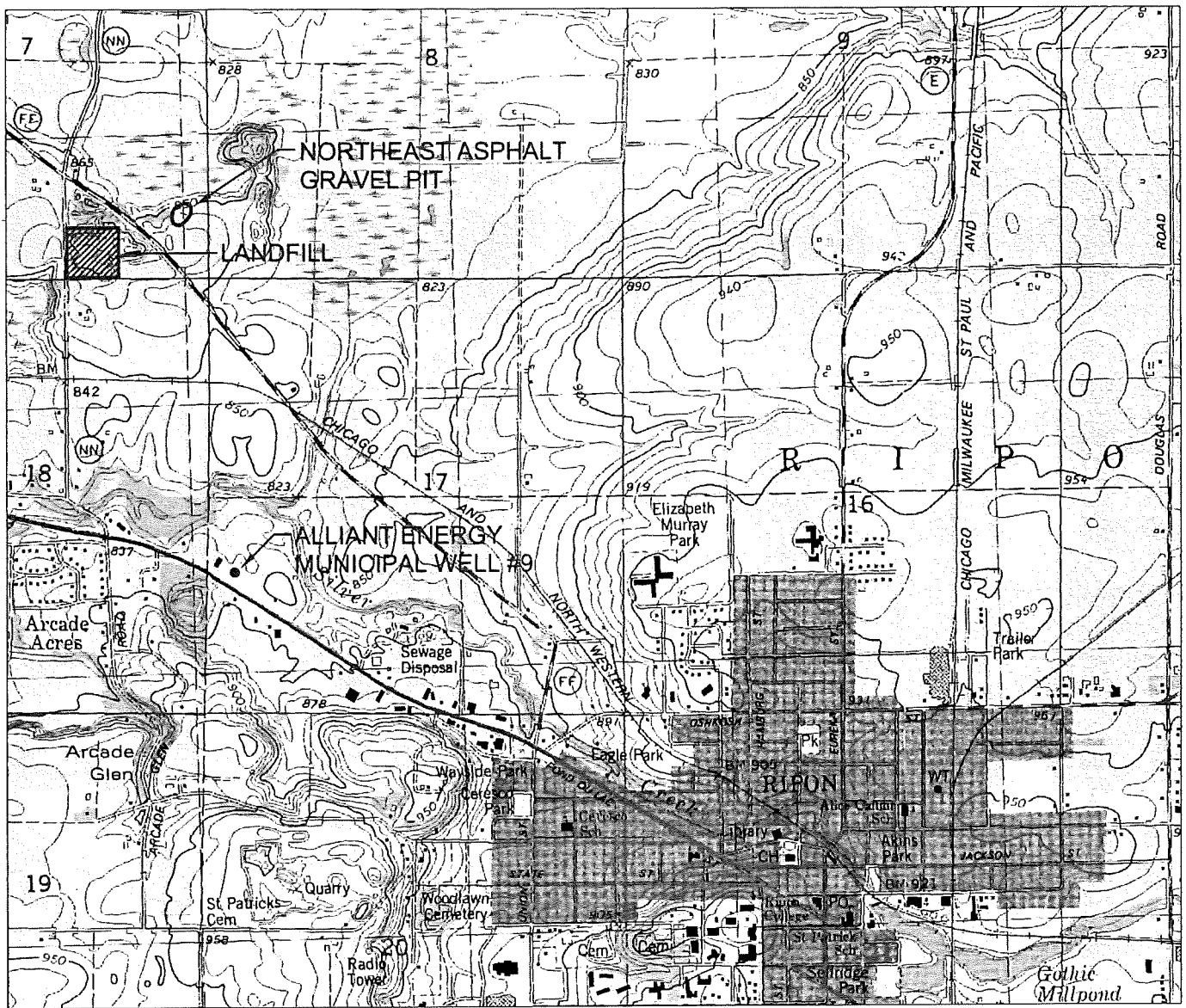
EXPLANATION

- MW-104 MONITOR WELL LOCATION, DESIGNATION
- LC-2 LEACHATE HEAD WELL LOCATION, DESIGNATION
- GP-1 GAS PROBE LOCATION AND DESIGNATION
- GV-9 GAS VENT LOCATION AND DESIGNATION
- GV-1 ACTIVE LANDFILL GAS EXTRACTION POINT
- PROPERTY LINE
- OUTLINE OF CLOSED LANDFILL

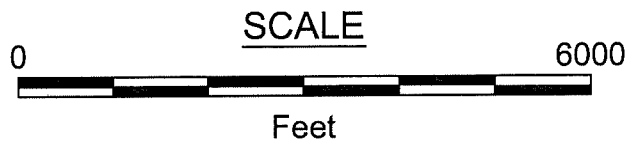


FF/NN LANDFILL RIPON, WISCONSIN	DATE: 10/12/10
	DESIGNED: HJW
LANDFILL DETAIL	CHECKED: MRN
	APPROVED: MRN
	DRAWN: HJW
	PROJ.: 117-2202940

GeoTrans, Inc. A TRIMBLE COMPANY Figure 2



QUADRANGLE LOCATION



FF/NN LANDFILL RIPON, WISCONSIN SITE LOCATION AND LOCAL TOPOGRAPHY	DATE: 6/20/07
	DESIGNED: HJW
	CHECKED: MRN
	APPROVED: MRN
	DRAWN: HJW
PROJ.: 1011.005	

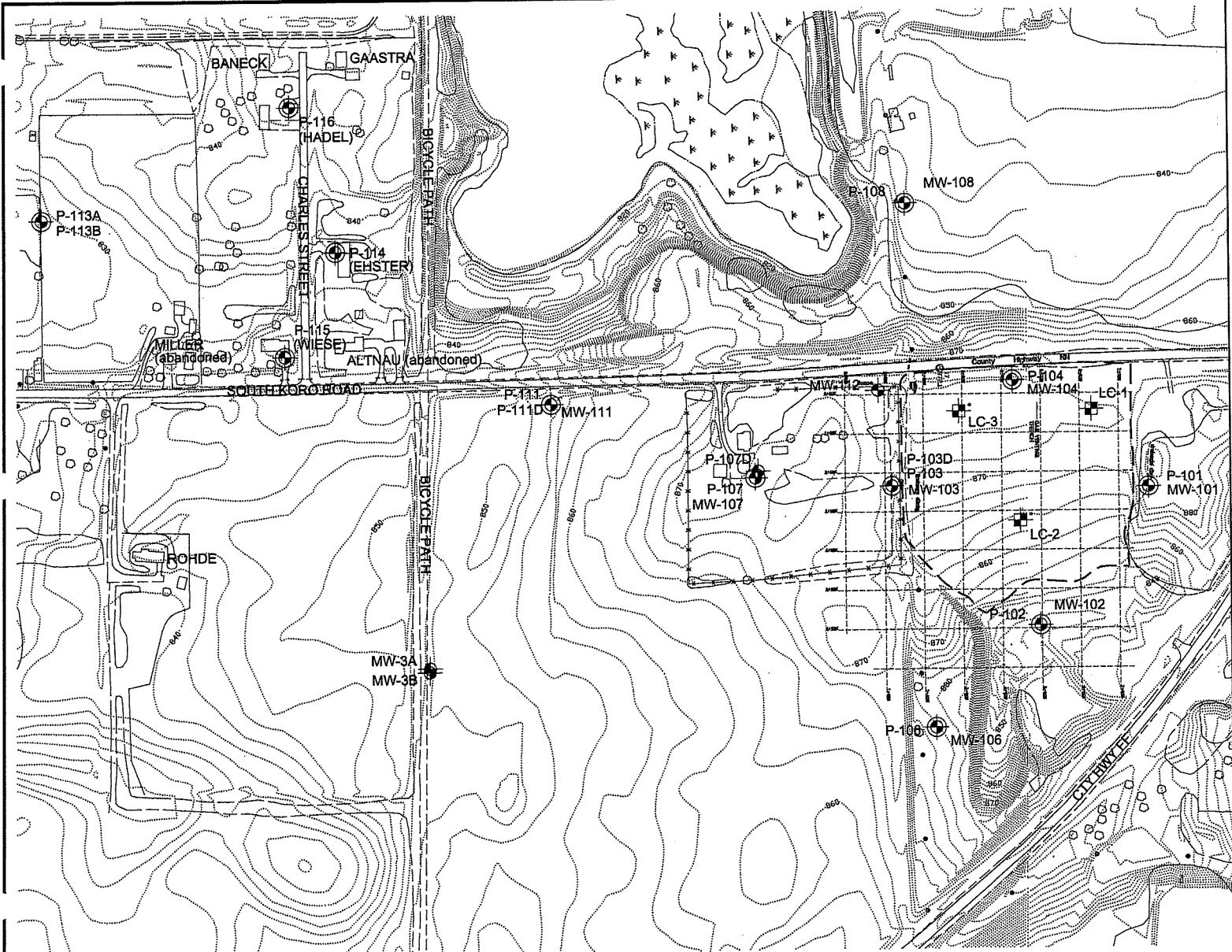


Figure 1

Follow SH 49
CTH FF = Union St.

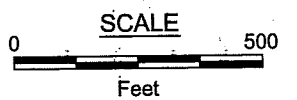
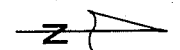
Right turn

Koro Rd is too far



EXPLANATION

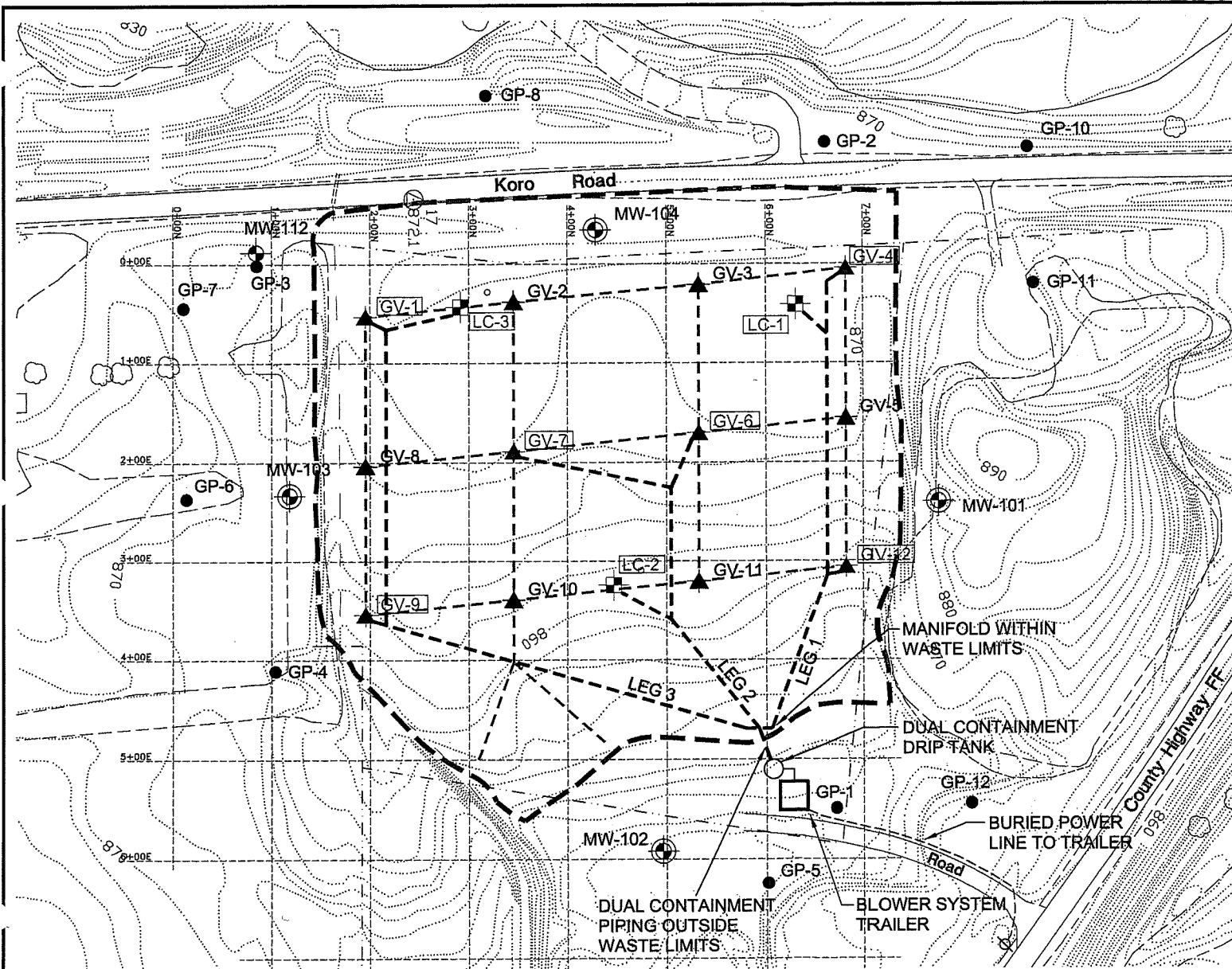
- P-104 MONITOR WELL, PIEZOMETER LOCATION, DESIGNATION
- MW-104 LC-2 LEACHATE HEAD WELL LOCATION, DESIGNATION
- OUTLINE OF CLOSED LANDFILL



BASEMAP FROM FOND DU LAC COUNTY PLANNING DIVISION, SPRING 2000.

FF/NN LANDFILL RIPON, WISCONSIN GROUNDWATER MONITORING WELL LOCATIONS	DATE: 6/20/07
	DESIGNED: MRN
	CHECKED: MRN
	APPROVED: MRN
	DRAWN: HJT
PROJ.: 1011.005	

3

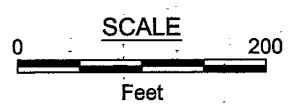
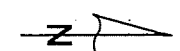


EXPLANATION

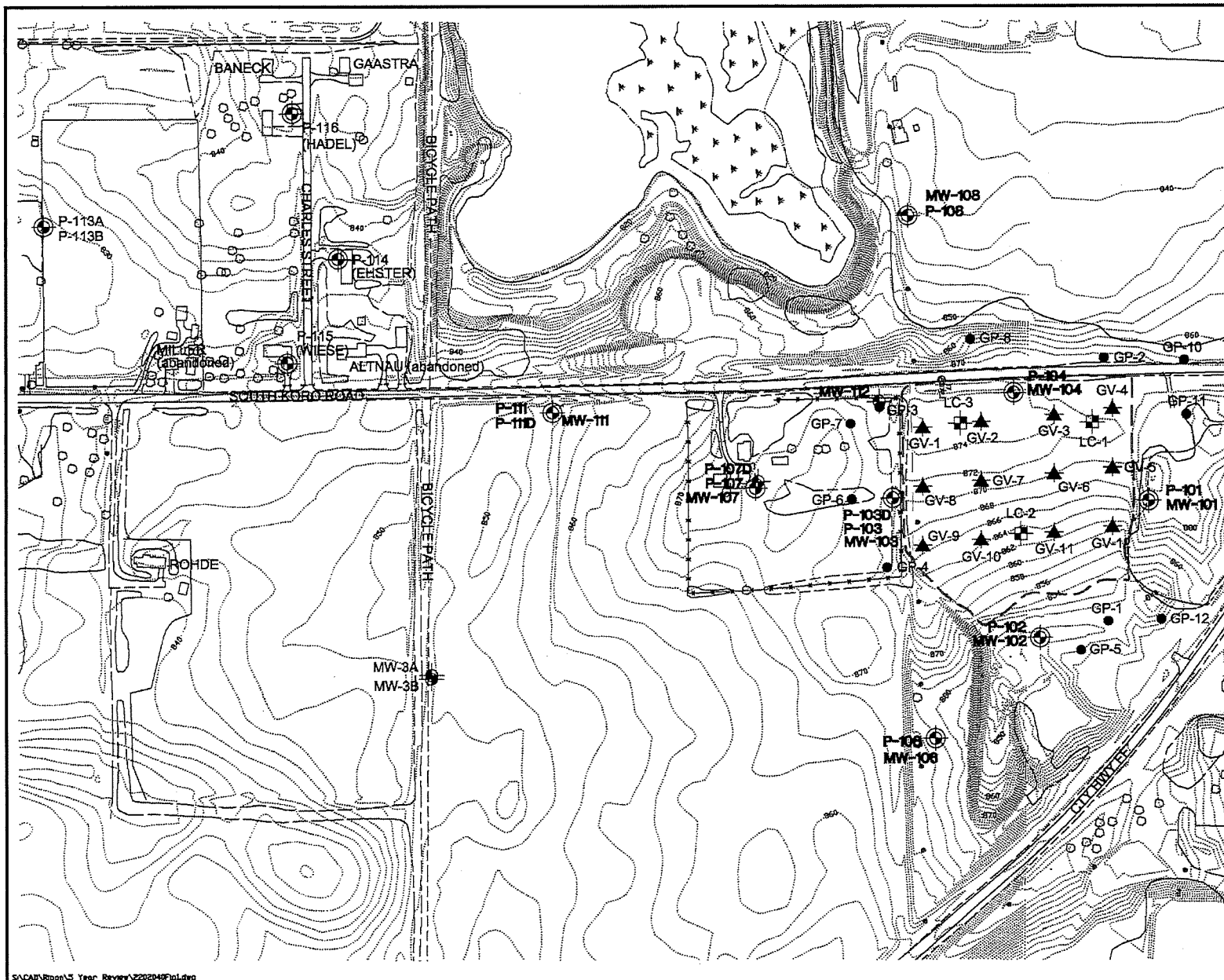
- MW-104 MONITOR WELL LOCATION, DESIGNATION
- LC-2 LEACHATE HEAD WELL LOCATION, DESIGNATION
- PROPERTY LINE
- OUTLINE OF CLOSED LANDFILL
- GP-1 GAS PROBE LOCATION AND DESIGNATION
- GV-9 GAS VENT LOCATION AND DESIGNATION
- 4" DIAMETER BURIED PASSIVE GAS COLLECTION SYSTEM PIPING
- 3-INCH DIAMETER BURIED GAS CONVEYANCE PIPING
- GV-1 ACTIVE LANDFILL GAS EXTRACTION POINT

NOTES:






1. CONTOURS ON LANDFILL DO NOT REFLECT CURRENT TOPOGRAPHY.
2. 3" BURIED CONVEYANCE PIPING ROUTE FOLLOWS NATURAL SLOPE DOWNWARDS TO EQUIPMENT TRAILER TO DRAIN PROPERLY.

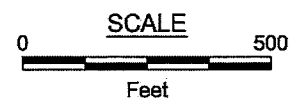
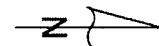


FF/NN LANDFILL RIPON, WISCONSIN	DATE: 6/29/07
DESIGNED: DLM	CHECKED: DLM
APPROVED: DLM	DRAWN: HJW
ACTIVE LANDFILL GAS EXTRACTION SYSTEM LAYOUT AND GAS MONITORING LOCATIONS	PROJ.: 1011.005



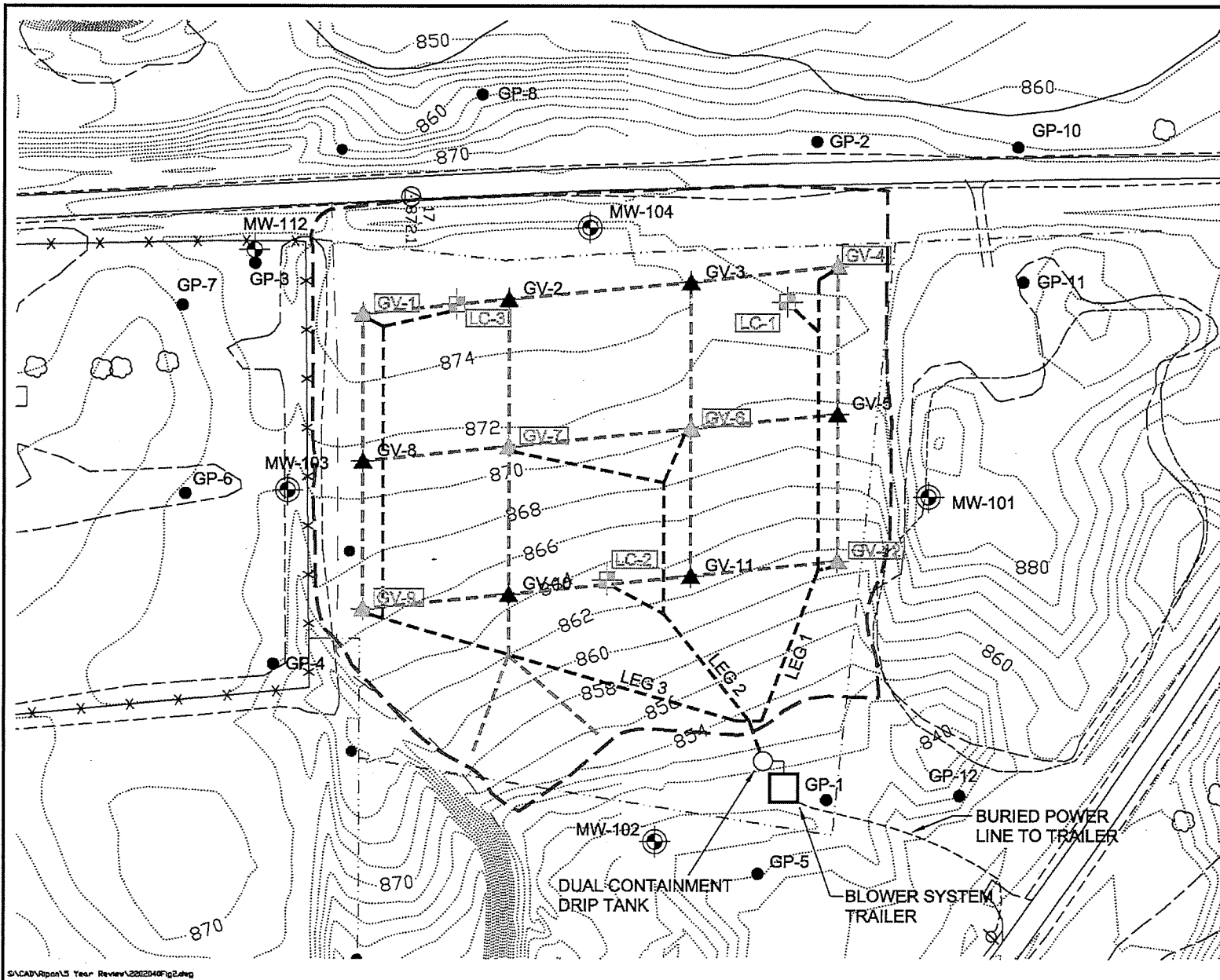
EXPLANATION

- 
P-104
MW-104 MONITOR WELL, PIEZOMETER
LOCATION, DESIGNATION
- 
LC-2 LEACHATE HEAD WELL
LOCATION, DESIGNATION
- 
--- OUTLINE OF CLOSED LANDFILL
- 
GP-1 GAS PROBE LOCATION
AND DESIGNATION
- 
GV-1 GAS VENT LOCATION
AND DESIGNATION



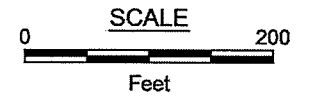
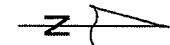
FF/NN LANDFILL RIPON, WISCONSIN	DATE: 10/12/10
SITE LAYOUT	DESIGNED: HJW
	CHECKED: MRN
	APPROVED: MRN
	DRAWN: HJW
PROJ: 117-2202040	


Figure 1



EXPLANATION

- MW-104 MONITOR WELL LOCATION, DESIGNATION
- LC-2 LEACHATE HEAD WELL LOCATION, DESIGNATION
- GP-1 GAS PROBE LOCATION AND DESIGNATION
- GV-9 GAS VENT LOCATION AND DESIGNATION
- 4" DIAMETER BURIED PASSIVE GAS COLLECTION SYSTEM PIPING
- 3" DIAMETER BURIED GAS CONVEYANCE PIPING
- ACTIVE LANDFILL GAS EXTRACTION POINT
- PROPERTY LINE
- OUTLINE OF CLOSED LANDFILL



FF/NN LANDFILL RIPON, WISCONSIN	DATE: 10/12/10 DESIGNED: HJW
LANDFILL DETAIL	CHECKED: MRN
	APPROVED: MRN
	DRAWN: HJW
PROJ.: 117-2202040	