

State of Wisconsin - Department of Natural Resources
 Substance Release Notification Report (SERTS)
 Report created on 08/27/2012

04-36-559-234

SPILL ID# 20120510NE36-1 BRRTS# 04-36-559234

Incident Date & Time: 05/10/2012 13:00	Reported Date & Time: 05/10/2012 15:20	BRRTS No: 04-36-559234	Spill ID: 20120510NE36-1
DATCP Reported? No DATCP Transferred? No	NFA Letter Sent? No	ERP Transferred? No	Incident Closed? Yes : 08/15/2012

Location			
Region: NE	County: Manitowoc	Municipality: MANITOWOC, CITY OF	
Facility/Property Name and Street Address: SKANA ALUMINUM CO 2009 MIRRO DR		Description: PARKING LOT	
Facility Type: Industrial Facility (Foundry/Factory/Plating/Manufacturing)			
Lat/Long:	PLSS:	WTM: X 709790 Y 409065	

Weather Conditions: Sunny *Add to SDE - upload docs MGS - 19feb 2013*

Responsible Parties			
Name/Address (1): SKANA ALUMINUM CO 2009 MIRRO DR MANITOWOC, WI 54220-	Contact: JAY HETLAND SR OPERATIONS ENGINEER (920) 482-0599 x primary (920) 645-5038 x secondary	Other Contact:	Spill Packet:

Cause
 GASKET WAS MISSING, HOSE NOT HOOKED UP PROPERLY DURING PICKUP AND THE FLUID LEAKED ONTO THE PAVEMENT AND RAN ONTO A SMALL AREA OF GRASS.

Cause Type: Transportation Accident, Load Spill

Substances						
Name	Other / Comments	Amt Released	Amt Recovered	Type	Color	Odor
Machine Coolant	MAGESOL 500	150.0 Gal	150.0 Gal	LIQUID		

Environmental Impacts / Damages			
Environmental Impacts: CONCRETE SOIL	Resource Damages: No	Injuries: No	Evacuation: No

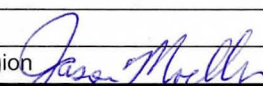
Cleanup Actions	
Method	Description
Storm Sewer Blocked Off	
Absorbent (oil dry, sand, sawdust)	
Excavation	SOIL REMOVED

Cleanup Action Comments
 STORM SEWER COVERED, USED ABSORBANTS TO CLEAN UP THE SPILL IN THE PARKING LOT AND CALLED IN CARDINAL ENVIRONMENTAL TO REMOVE THE SMALL AREA OF IMPACTED GRASS AND DISPOSE OF THE MATERIAL. THE CONTAMINATED MATERIAL WAS DISPOSED OF AT VEOLIA'S HICKORY MEADOWS LANDFILL, HILBERT WI.

Contractors Hired	
Name	Description
OTHER	CARDINAL ENVIRONMENTAL

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Waste Destinations				
Location		Description		
VEOLIA HICKORY MEADOWS LANDFILL		CONTAMINATED SOIL		
Agencies Notified / On Scene				
Agency	Notified	On Scene		
DHFS	X			
DIV EMERG MGT	X			
DNR	X			
Additional Comments				
<p>CARDINAL ENVIROMENTAL IS COMING OUT TOMMOROW TO FINNISH CLEANING UP THE SPILL. SUBMITTED VIA SERTS WEB FORM REF # 6441. MOELLER SPOKE WITH JAY HETLAND. THE SPILL WAS CONTAINED TO THE PARKING LOT AND A SMALL AREA OF GRASS. THE PAVEMENT WAS CLEANED UP AND THE GRASS AREA WOULD BE EXCAVATED TOMORROW BY CARDINAL ENVIRONMENTAL. JAY WILL SEND MOELLER A CLEAN UP REPORT WHEN COMPLETE. 08-14-2012, DNR RECEIVED THE CLEAN UP REPORT FROM JAY HETLAND. THE SPILL WAS PROPERLY CLEANED UP AND NO FURTHER CLEAN UP IS NEEDED.</p>				
Enforcement Action/Citation				
Enforcement Action/Citation? No				
Case Activity Reports:				
Person Reporting				
Name	Representing / Address	Primary Phone	Secondary Phone	
JAY HETLAND	SKANA ALUMINUM CO	(920) 482-0599 x	(920) 645-5038 x	
Contractors Hired				
Name / Address			Zone Contractor Hired by DNR?	
			No	
Contacts				
Role	Name	Office Phone	Date	Time
Prepared By:	Kevin Barman	(608) 267-0844 x	05/10/2012	
Person Notified:	JASON MOELLER	(920) 662-5492 x	05/10/2012	
Investigated By:	JASON MOELLER	(920) 662-5492 x	05/10/2012	
Incident Commander:				
Spill Coordinator:	JASON MOELLER, NE Region 	(920) 662-5492 x	08/15/2012	
Electronic Attachments (list)				
Name		Type		
20120510NE361_RP_Doc.pdf		Portable Document Format		



August 14, 2012

Jason Moeller
NER Spills Coordinator/Hydrogeologist
Wisconsin DNR

Mr. Moeller,

Per your e-mail request, I am including a statement on the cause and follow-up after the spill that occurred yesterday 5-10-2012.

Location: Skana Aluminum Co.
2009 Mirro Drive
Manitowoc, WI 54220
920-482-0599

Site: Parking Lot West of Main Entrance

Time: 3:30pm

Date: 5-10-2012

Responsible Parties: Skana Aluminum & Time DC Trucking (Driver: Josh Long)

Spilled Matl.: Magesol 500 (Fine distillation of Kerosene)

Qty.: 100-150 Gallon maximum estimated discharge

Operation: Skana was starting to fill a tanker with Magesol 500 to ship off site for cleaning. The driver made the connections to Skana's output pipe and his tanker with his hoses and gave Skana's tech's the ok to start pumping. Upon starting of the pump, the oil started spraying out at the tankers router and from the pipe connection at Skana's wall. The Driver had forgotten to install a seal at the wall connection and reposition the router to the tanker fill position where it was deadheaded. By the time he told the Skana's techs to shut off the pump, about 100-150 gallons had discharged onto the asphalt parking lot. The driver said it was not his normal tanker and that most companies he picks up from do it all, and don't let him out of the truck. Once both conditions were corrected the transfer of coolant proceeded without any more issues.

Clean-up: Oil absorbent pads and an oil dry compound were spread (container of materials is kept close for just such incidents). Once all residue was collected it was bagged and added into drums for oily waste disposal (filters, rags & oil dry). Excavated soil was added to an existing profiled waste (filter sand for same coolant – Attapulugus clay) and disposed of by Veolia.

Area: The oil did reach the covered Storm and Sanitary Sewers in the area, but upon inspection after the clean-up, no oil got past the covers. It did reach the grass off the edge of the Parking Lot.

Reporter: Jay Hetland
Sr. Operations Engineer
Skana Aluminum Co.

Attachments: Spill Notification Form, Closure Letter with area history

State of Wisconsin Substance Release Notification Form
Department of Natural Resources Form 4400-91 (Rev. 12-04, e-form)
24-Hour Emergency Hotline Number: 1-800-943-0003

Date & Military Time Of Incident: 05/10/2020 1300hrs		Date & Military Time Reported: 05/10/2012 1500hrs		Spill File # Verbal Notification BRRTS #	
Person Reporting: Jay Hetland		Representing: Skana Aluminum Company		Phone # (920) 645-5038 Fax # ()	
Responsible Party (RP) / Spiller: Skana Aluminum Company		RP Decision Based On: Owner of Property		Phone # (920) 482-0599 Fax # ()	
RP Address: 2009 Mirro Drive, Manitowoc, WI 54220				City State Zip Code	
RP Contact Name & Title: Jay Hetland, Senior Operations Engineer				Phone # (920) 645-5038 Fax # ()	
Substance Involved: Waste Oil Coolant Hydrotreated		Amount & Units Released: 100 - 150 gallons		Amount & Units Recovered: 100 gallons contained	
<input type="checkbox"/> Solid <input type="checkbox"/> Semisolid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas		Color:		Odor:	
Exact Location Of Incident: (including street name, bldg. #, mileage, etc.) South of main entrance on a paved parking lot				Facility Name / Property Owner: Skana Aluminum / Skana Aluminum Co.	
<input checked="" type="checkbox"/> City <input type="checkbox"/> Village <input type="checkbox"/> Township Manitowoc		County Manitowoc		Latitude/Longitude 44deg. 7' 42", 87deg. 37' 42"	
DNR Region: NER		NW1/4 SE1/4 Sec9 T19N R24 <input type="checkbox"/> E <input checked="" type="checkbox"/> W		Weather Conditions: Hot, Dry	
Cause of Incident: A tanker was picking up a load of spent coolant for cleanup. The tanker operator failed to insert gasket & reposition the router on the fill piping, and when the line was pressurized the seal blew out allowing oil to discharge on the parking lot.					
Spilled Substance Impact To: (check X all that apply) <input type="checkbox"/> Air <input type="checkbox"/> Potential <input checked="" type="checkbox"/> Concrete/Asphalt <input type="checkbox"/> Potential <input checked="" type="checkbox"/> Contained/Recovered <input type="checkbox"/> Groundwater <input type="checkbox"/> Potential <input type="checkbox"/> Private Well <input type="checkbox"/> Potential <input type="checkbox"/> Sanitary Sewer <input type="checkbox"/> Potential <input checked="" type="checkbox"/> Soil <input type="checkbox"/> Potential <input type="checkbox"/> Storm Sewer <input type="checkbox"/> Potential <input type="checkbox"/> Surface Water <input type="checkbox"/> Potential Name: <input type="checkbox"/> Other: ↓		Spill Cause and/or Site: <input type="checkbox"/> Ag Coop/Food Factory <input type="checkbox"/> Airport Facility <input type="checkbox"/> Railroad Facility <input type="checkbox"/> Construction, Excavation, Wrecking, Quarry, Mine <input type="checkbox"/> Gas/Service Station/Garage/Auto Dealer/Repair Shop <input type="checkbox"/> Hydraulic Line Break <input checked="" type="checkbox"/> Industrial Facility <input type="checkbox"/> Paper Mill <input type="checkbox"/> Chemical Co. <input type="checkbox"/> Pipeline/Terminal/Tank Farm/Oil Jobber/Wholesaler <input type="checkbox"/> Private Property (home/farm) <input type="checkbox"/> Public Property (city, state, church, school, etc.) <input type="checkbox"/> Transportation Accident, Fuel Tank Spill <input checked="" type="checkbox"/> Transportation Accident, Load Spill <input type="checkbox"/> Utility Co. Power Generating/Transfer Facility <input type="checkbox"/> Other:		Action Taken By Spiller: <input checked="" type="checkbox"/> Cleanup Method: <input checked="" type="checkbox"/> Absorbent <input checked="" type="checkbox"/> Excavation <input type="checkbox"/> <input checked="" type="checkbox"/> Containment <input checked="" type="checkbox"/> Contractor Hired Name: Cardinal Environmental <input type="checkbox"/> Monitor <input type="checkbox"/> No Action Needed <input type="checkbox"/> No Action Taken <input checked="" type="checkbox"/> Waste Destination: Veolia <input type="checkbox"/> Other:	
Injuries? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes how many?		Has An Evacuation Occurred? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Potential? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Are There Any Resource Damages? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Potential What Kind?					
Other Agencies Notified: (check first column, if notified; check both columns, if on the scene) <input type="checkbox"/> Fire Department <input type="checkbox"/> Local DNR <input type="checkbox"/> EPA <input type="checkbox"/> Local Law Enforcement <input type="checkbox"/> Div. Emerg. Mgt. <input type="checkbox"/> Nat'l Resp Ctr 800-442-8802 <input type="checkbox"/> LEPC or Local Emer. Mgt. <input type="checkbox"/> Coast Guard <input type="checkbox"/> Chemtrec 800-424-9300 <input type="checkbox"/> Level A/Level B Team <input type="checkbox"/> DHFS 608-258-0099 <input type="checkbox"/> Other:				Incident Commander: Phone # ()	
Prepared By: Jay Hetland		Phone # (920) 645-5038		Date: 08/14/2012	
Person Notified: Jason Koeller		Phone # (920) 662-5492		Rpt'd To DATCP? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: Transferred to DATCP <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date:	
Investigated By: 07/12/2012		Sign:		Date:	
Spill Coordinator Signoff:		Date:		Transferred to ERP <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date: Case #	
				NFA Letter Sent? <input type="checkbox"/> Yes <input type="checkbox"/> No Date: Incident Closed? <input type="checkbox"/> Yes <input type="checkbox"/> No Date:	
<input type="checkbox"/> See Additional Comments On Reverse (Please, print page 2 of 2)					

Date and Military Time Of Incident: 05/10/2012
1300hrs

Responsible Party: Skana Aluminum

Additional Comments : The small quantity of the coolant that crossed from the pavement to the grassy area was handled by Cardinal Environmental personnel that were called to the site and excavated the impacted area of soil (3ft. x 12 ft. x 6 in.). No staining or free liquid was observed below the depth of the excavation. The excavated soil and oil residue was collected and tested by TCLP for metals and organic compounds, and ultimately disposed of at Veolia's Hickory Meadows landfill as non hazardous soil. Four samples were collected from the floor and walls of the excavation and tested for DRO; all were non-detectable.

Because Skana wished to be certain that none of the oil had migrated onto or around the grassy area immediately south of the spill, on July 12, Mike Hebert of ECT and Jim Bolger of Cardinal inspected the site and took vapor measurements above the soil with a ppbRAE vapor analyzer. Most of the readings along the swale leading away from the spill site were Non Detectable (< 1 ppb), with random occasional hits in the very low ppb to very low ppm range. None of the detectable points could be reasonably associated with the spill area.

Case Activity Report: Yes No CAR#:

(Please, attach copy of all CAR and other documentation)

Enforcement Action: Yes No (Explain Below)

August 14, 2012

Mr. Jason Moeller
Water Quality Specialist
Wisconsin Department of Natural Resources
2984 Shawano Avenue
Green Bay, Wisconsin 54313

Subject: Spill Summary & Request for Closure – Minor Coolant Spill at Skana Aluminum Company, Manitowoc

Dear Mr. Moeller:

At your request, Skana Aluminum Company has prepared the attached spill summary and request for closure of a minor spill event occurring at Skana's aluminum mill, located at 2009 Mirro Drive, Manitowoc, Wisconsin, 54220. It summarizes the work completed between May 2012, to address the cause of the two coolant spills and action taken to prevent the coolant from damaging the environment and disposing of impacted soil in the area immediately adjacent to the spills.

Site History

In April, 2010, Skana Aluminum Company ("Skana") purchased the property and buildings at 2009 Mirro Drive, in Manitowoc, Wisconsin. The property, approximately 131.1 acres on three parcels, with approximately 575,000 square feet of manufacturing, warehousing, and office space, was previously owned and operated by the Mirro Corporation until 2003, when it was purchased by Koenig & Vits, Inc. ("K&V"). K&V operated an aluminum rolling mill in the northern half of the manufacturing building until 2009; the southern half was leased to aluminum cookware manufacturer, Tramontina U.S. Cookware, Inc. Skana and Tramontina currently conduct operations in the manufacturing building. Figure 1, below, shows the location of Skana on a USGS topographic quadrangle map. Figure 2 is a certified plan view of the Skana property, with the buildings and spills located.

In 2011, Skana completed a site investigation that included three BRRS Cases 02-36-544601, 02-36-550138, and 02-36-555268); Closure was granted for all three cases. An O&M Plan that establishes a requirement for annual inspection of the conditions on the Skana property, correction of any visual problems observed, and preparation of an inspection log was a condition of the closure. Annette Weissbach was the Project Manager for the WDNR-RRD.

On February 2 of this year, mishandling of the transfer piping on a tanker making a pickup of coolant known as MagieSol 500, a hydro-treated base oil (distilled kerosene) used by the aluminum industry for cold rolling applications, resulted in spillage of a small quantity of the oil onto the pavement in the location identified in Figure 2, below. Because the HMIS hazard ratings for this product are Health-0; Flammability- 2; Reactivity-0, the estimated 20-25 gallons of the coolant that was released was contained using a drain cover, oil dry, and adsorbent pads

Figure 1 – Skana Location

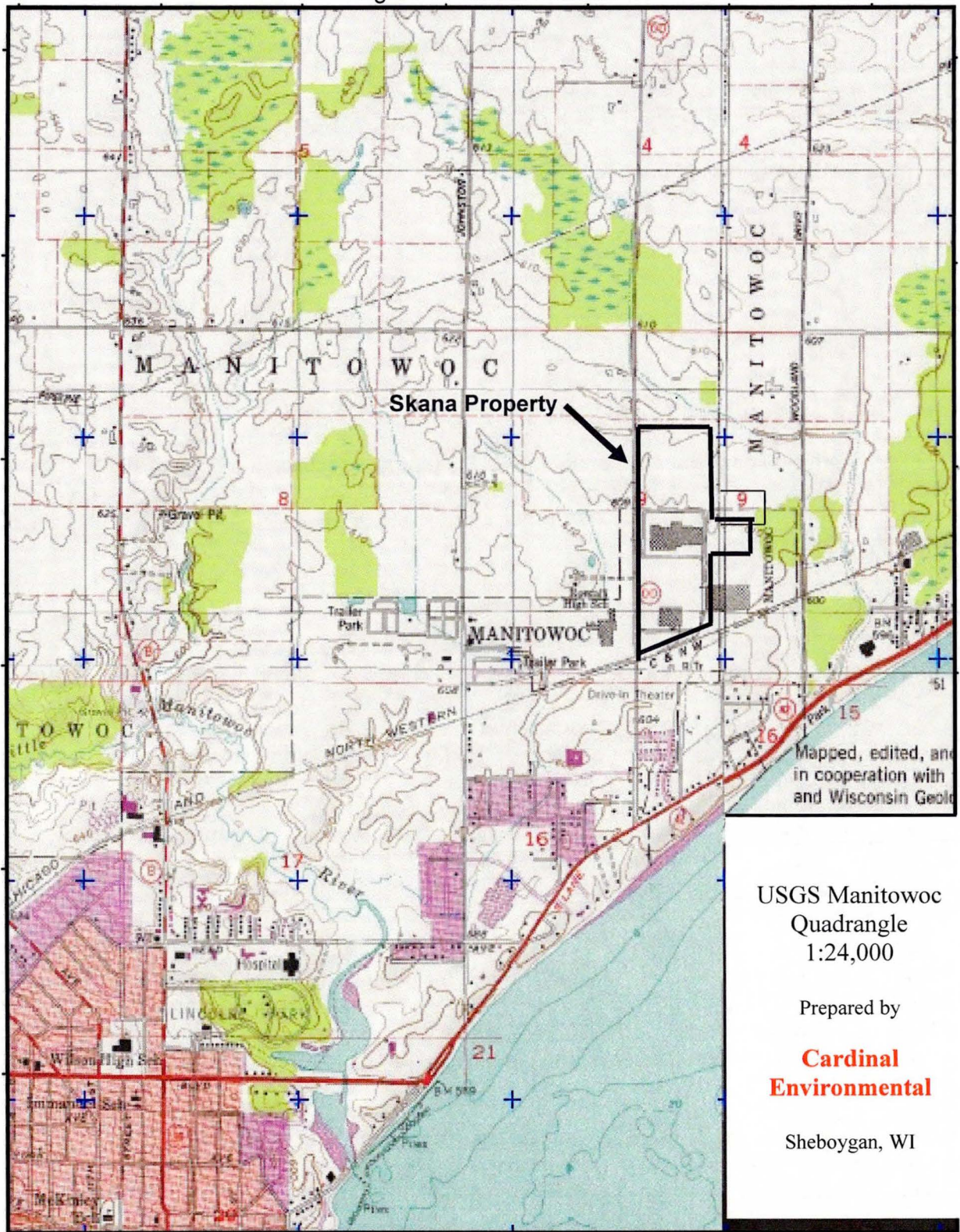
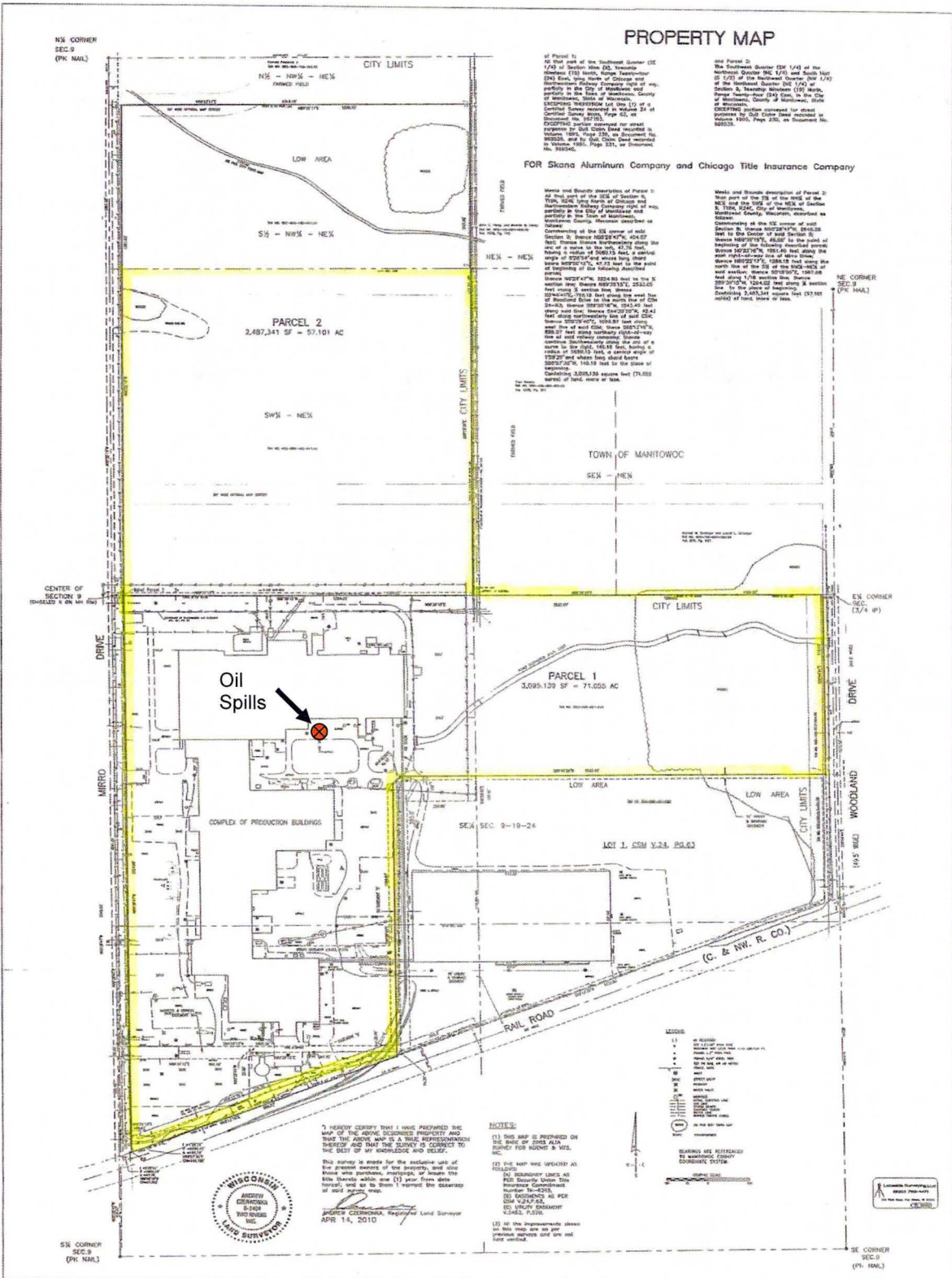


Figure 2 – Property Map of Skana





applied by trained Skana personnel. Oil dry residue and saturated absorbent materials were collected and mixed with other non hazardous waste for disposal at Veolia's Hickory Meadows landfill. The WDDR inspected the site, assigned BRRTS Case # 04-36-558312 to the incident and closed the case with no further action needed.

On May 10, a similar accidental release occurred at the intake of a tanker, causing approximately 100-150 gallons of the MagieSol coolant to spill on the asphalt parking area. Most of the spilled liquid was contained on impervious surfaces; a small quantity ran off the east edge of the pavement and discolored a thin upper layer of soil. The WDNR was called to report the spill and Cardinal Environmental personnel were called to the site and excavated the impacted area of soil (3ft. x 12 ft. x 6 in.). No staining or free liquid was observed below the depth of the excavation. The excavated soil and oil residue was collected and tested by TCLP for metals and organic compounds, and ultimately disposed of at Veolia's Hickory Meadows landfill as non hazardous soil. Four samples were collected from the floor and walls of the excavation and tested for DRO; all were non-detectable. Copies of the lab reports are attached..

Because Skana wished to be certain that none of the oil had migrated onto or around the grassy area immediately south of the spill, on July 12, Mike Hebert of ECT and Jim Bolger of Cardinal inspected the site and took vapor measurements above the soil as shown on Figure 3 with a ppbRAE vapor analyzer. Most of the readings along the swale leading away from the spill site were Non Detectable (< 1 ppb), with random occasional hits in the very low ppm to very low ppb range. None of the detectable points could be reasonably associated with the spill area.

No BRRTS number has been assigned to the incident, but it appears clear that no further action is necessary and we are requesting that the case be closed.

Thank you for your consideration in this matter and best of luck in your new position with the agency. Call if you have any questions.

Respectfully submitted:

Jay Hetland
Skana Aluminum Company

cc: Dan Todd
Jim Bolger
Mike hebert

Figure 3 – Excavation and Sampling Locations

