INITIAL INVESTIGATION FIELD REPORT

WASHINGTON STATE DEPARTMENT OF ECOLOGY

ERTS Number: ___607403_____
Parcel #: _____
COUNTY: ____King_____

SITE INFORMATION

Site Name (e.g., Co. name over door):	Site Address (including City and Zip+4):	Site Phone:
AT&T	20103 (20307) North Creek Parkway, Bothell, WA 98011-8249	(425) 580-8175
Site Contact and Title: Mike Ritchie, Senior Engineer	Site Contact Address (including City and Zip+4): SAME	Site Contact Phone: (425) 288-6191
Site Owner: New Cingular Wireless PCS, LLC	Site Owner Address (including City and Zip+4): 11760 US Hwy 6, Palm Beach, FL 33408	Site Owner Phone:
Site Owner Contact:	Site Owner Contact Address (including City and Zip+4):	Owner Contact Phone:
Alternate Site Name(s):	Comments:	Is property > 10 acres? Yes ☐ No ☐
Previous Site Owner(s):	Comments:	

Location: Quarter-Quarter:		Section:	Township:	Range:
Latitude: Degrees: 47	Minutes:	46	Seconds: 27.4	
Longitude: Degrees: 122	Minutes:	11	Seconds: 18.6	

INSPECTION INFORMATION

Inspection Date: 8/1/2008	Inspection Time: 11:00 A.M.	Entry Notice: Announced X	Unannounced ☐
Photographs	Yes X	No ☐	Weather: Clear X Rain ☐ Temperature: ____80_____ ° F
Samples	Yes ☐	No X	Wind Direction: unk Wind Speed: unk

RECOMMENDATION

No Further Action (Indicate NFA in box below):		**LIST on ISIS** (Indicate in box below):	
Release or threatened release does not pose a threat	☐	Site Hazard Assessment	☐
No release or threatened release	☐	Interim Action	☐
Educational mailing	☐	Emergency Action	**X**
Refer to program/agency (Name:_____)	☐	Independent Cleanup Action In progress	☐
Independent Cleanup Action Completed (i.e., contam, removed)	☐		
Reported Cleanup	☐	Reported Cleanup (See Ecology criteria)	☐

COMPLAINT (Brief Summary of ERTS):

15,000 gallons of diesel released from an aboveground tank into a storm drain and soil

SITE STATUS (Brief Summary of site condition(s) after investigation):

Facility is in the process of cleaning diesel from the storm drain. Core samples were being taken around the tank pit to determine the extent of the plume.

Investigator: Medicus and Buchan Date Submitted: 8/4/2008

OBSERVATIONS

Description:(Taken from ERTS report)
8/1/2008 KM - Kimberly Medicus and Arthur Buchan responded to a release of diesel fuel at 20103 North Creek Parkway in Bothell. The release was determined to have began just shortly after midnight and was discovered by a paint crew when they arrived to work around 6am. Approximately 15,000 gallons were lost into a storm drain and also into the ground.
Medicus and Buchan took steps to determine whether the integrity of a 40,000 gallon UST diesel tank (Tank 3) had been compromised and contributed to the release. All 4 submersible turbine sumps were opened and inspected. Each sump contained liquid which was sampled using water finding paste. The following was determined:
Sump #1: 0` of product. Sump #2: 1` of product. Sump #3` 0` of product Sump #4 (transition sump): 4.5` of product. Sump #4 was measured periodically over 90 minutes. The fuel level within the sump remained static.
The fill port was opened and a measurement of the fuel level was taken. Water finding paste was applied to the measuring stick to determine if any water was present at the bottom of the tank. Tank #3: 61` of product, 0` of water
The Automatic Tank Gauge (ATG) was inspected. Inventory reports and sensor reports were printed.
ATG Readings for Tank 3:Volume: 20,447 gallons Ullage: 19,406 gallons. 61` of product in Tank 3 correlated with the 20,447 gallons of product remaining. The ATG indicated that 3 Sumps were in alarm and that the annular sensor was normal. The alarms were consistent with what was observed on site. Inventory reports were printed from the ATG periodically over 90 minutes. The fuel level remained static.
Tank 3 is attached to a series of emergency power generators. The attached piping is suction. The system is a safe suction system and has not needed a method of release detection. Tank 3 is connected to 3 aboveground day tanks. The release occurred aboveground at one of the day tanks.It was determined on site that the cause of the release was the failure of a sensor that relayed the product level to the controller. The failed sensor caused the system to begin to pump fuel into the tank (at a rate of approximately 55 gallons per minute) which resulted in an overfill. The diesel fuel left the aboveground tank through an emergency vent.
The fuel was then spilled onto an asphalt slab where it entered the storm water drain. It also left the day tank containment area through a large depression in the concrete and entered a transition sump where 4.5` of product was discovered. Staining was observed on the concrete curb around the transition sump and the asphalt had also been degraded.

Description of past practices likely to be responsible for contamination:

ACTIVITIES OR PRACTICES RESPONSIBLE FOR CONTAMINATION:

Spill	☐	LUST	☐
Pesticide disposal	☐	Tank (aboveground)	**X**
Landfill	☐	Improper handling	☐
Drums	☐	Improper disposal	☐
Other – Describe: Equipment failure			

Are discharges permitted (if yes, describe): No **X** Yes ☐

Standard Industrial Code(s)

CONTAMINANT(S)

AFFECTED MEDIA	**CONTAMINANTS** (#1-16: See contaminants key) Enter letter designating status of contaminant: **C** = Confirmed (above cleanup levels); **S** = Suspected; **R**= Remediated															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Ground Water							S									
Surface Water																
Drinking Water																
Soil							S									
Sediment																
Air																

1 Base/neutral organics	7 Petroleum products	13 Corrosive wastes
2 Halogenated organic compounds	8 Phenolic compounds	14 Radioactive wastes
3 Metals - Priority pollutants	9 Non-halogenated solvents	15 Conventional contaminants, organic
4 Metals - Other	10 Dioxin	16 Conventional contaminants, inorganic
5 Polychlorinated biPhenyls (PCBs)	11 Polynuclear aromatic hydrocarbons (PAHs)	
6 Pesticides	12 Reactive wastes	

SITE INFORMATION

Soil type		Slope	
Sit.e vegetation/cover present:		Pasture/open field	☐
Forest	☐	Wetlands	☐
Bare soil	☐	Pavement	**X**
Brush	☐	Surface water	☐
Landscaped	☐		
Other – Describe:			

Are there any drinking water systems affected?	☐ Yes	☐ No
Municipal, private, or both? (Circle one)		
How many people are estimated to be affected? _____		
Is there a potential for a release or threatened release to affect a drinking water source?	☐ Yes	☐ No
Are there monitoring wells in the vicinity?	☐ Yes	☐ No
Are there dry wells in the vicinity?	☐ Yes	☐ No

CONTAMINANT PATHWAYS AND TARGETS

	Ingestion	Inhalation	Contact
Ground Water			
Surface Water			
Drinking Water			
Soil			
Sediment			
Air			

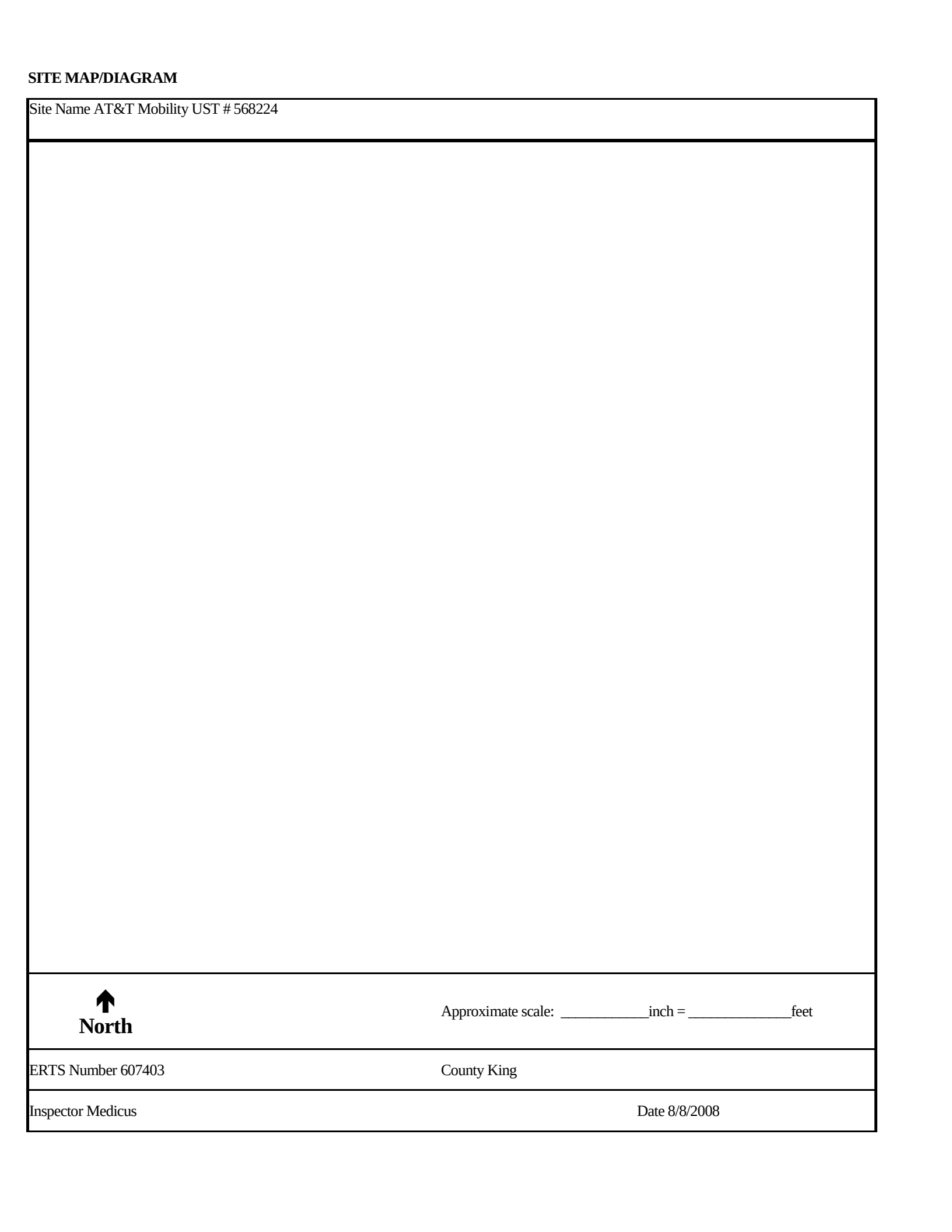
Targets possible:			
Human, adult	☐	Residential	☐
Human, children	☐	Industrial	☐
		Commercial	**X**

Sensitive environments (See WARM Scoring Manual for definition):
☐ Yes ☐ No If yes, describe:

General Comments:

SITE MAP/DIAGRAM

Site Name AT&T Mobility UST # 568224



North

Approximate scale: _____inch = _____feet

ERTS Number 607403

County King

Inspector Medicus

Date 8/8/2008