5 1T2.1

WORKSHEET 1
SUMMARY SCORE SHEET

Site Name/Location (City, County, Section/Township/Range):

South 252nd Street and Pacific Highway South Site
NW1/4, SE1/4, Sec. 21, T22N, R4E, WM
Kent, King County, Washington

Site Description (Include management areas, compounds of concern, and quantities):

On-site soils have shown high levels of methane, as well as petroleum hydrocarbons and its constituents (benzene/ethylbenzene/toluene/xylene - BETX). Since surface soils do not appear to be contaminated, the surface water route has not been scored. Methane was not used in the air route since an on-site source of methane was not confirmed. However, the air route was scored using BETX, as these compounds were detected during a soil gas survey of the site.

The site is approximately 56,000 square feet in size.

Special Considerations (Include limitations in site file data or data which cannot be accommodated in the model, but which are important in evaluating the risk associated with the site, or any other factor(s) over-riding a decision of no further action for the site): None known.

ROUTE SCORES:

Surface Water/Human Health:	NS	Surface Water/Environ.:	NS
Air/Human Health:	23.6	Air/Environmental:	22.1
Ground Water/Human Health:	33.7		

OVERALL RANK: 3

Rev. 6/03/91

WORKSHEET 2
ROUTE DOCUMENTATION

1. SURFACE WATER ROUTE

List substances to be considered for scoring: Source:_____

NOT SCORED.

Explain basis for choice of substance(s) to be used in scoring.

List management units to be considered in scoring: Source:_____

Explain basis for choice of unit used in scoring. Source:_____

2. AIR ROUTE

List substances to be considered for scoring: Source: 1

Benzene, ethylbenzene, toluene, xylene

Explain basis for choice of substance(s) to be used in scoring.

Detected in soil vapors during on-site survey.

List management units to be considered in scoring: Source: 1

Contaminated soil.

Explain basis for choice of unit used in scoring.

Detected BETX compounds in soil vapors during an on-site survey.

WORKSHEET 2 (CONTINUED)
ROUTE DOCUMENTATION

3. GROUND WATER ROUTE

List substances to be considered for scoring: Source: 1

Benzene, ethylbenzene, toluene, xylene.

Explain basis for choice of substance(s) to be used in scoring.

Detected in soil vapors during an on-site survey.

List management units to be considered in scoring: Source: 1

Contaminated soil.

Explain basis for choice of unit used in scoring.

BETX detected in soil vapors during an on-site survey.

WORKSHEET 3
SUBSTANCE CHARACTERISTICS WORKSHEET
FOR MULTIPLE UNIT/SUBSTANCE SITES

	Combination 1	Combination 2	Combination 3
Unit:			
Substance:			

SURFACE WATER ROUTE

Human Toxicity Value:			
Environ. Toxicity Value:			
Containment Value:			
Surface Water Human Subscore:			
Surface Water Environ. Subscore:			

AIR ROUTE

Human Toxicity/Mobility Value:			
Environ. Toxicity/ Mobility Value:			
Containment Value:			
Air Human Subscore:			
Air Environ. Subscore:			

GROUND WATER ROUTE

Human Toxicity/ Mobility Value:			
Containment Value:			
Ground Water Subscore:			

WORKSHEET 4
SURFACE WATER ROUTE

1.0 SUBSTANCE CHARACTERISTICS

1.1 Human Toxicity

Substance	Drinking Water Standard (ug/l)	Val.	Chronic Toxicity (mg/kg/day)	Val.	Acute Toxicity (mg/kg-bw)	Val.	Carcino-genicity WOE	PF*	Val.
1.									
2.									
3.			NOT SCORED						
4.									
5.									
6.									

*Potency Factor

Source:_____
Highest Value:_____
+2 Bonus Points?_____
Final Toxicity Value_____

1.2 Environmental Toxicity

Substance	Acute Criteria (ug/l)	Non-human Mammalian Acute Toxicity (mg/kg)	Value
1.			
2.			
3.			
4.			
5.			
6.			

Source:_____ Value:_____

1.3 Substance Quantity

Source:_____ Value:_____

Explain basis:_____

_____

_____

_____

_____

_____

_____

_____

_____

WORKSHEET 4 (CONTINUED)
SURFACE WATER ROUTE

2.0 MIGRATION POTENTIAL

2.1 Containment — Source:_____ Value:_____
Explain basis:_____

2.2 Surface Soil Permeability:_____ Source:_____ Value:_____

2.3 Total Annual Precipitation:_____ inches Source:_____ Value:_____

2.4 Max. 2-Yr/24-hour Precipitation:_____ inches Source:_____ Value:_____

2.5 Flood Plain:_____ Source:_____ Value:_____

2.6 Terrain Slope:_____ % Source:_____ Value:_____

3.0 TARGETS

3.1 Distance to Surface Water:_____ Source:_____ Value:_____

3.2 Population Served within 2 miles: ✓pop.=_____ Source:_____ Value:_____

3.3 Area Irrigated within 2 miles: 0.75✓no. acres=_____ Source:_____ Value:_____

3.4 Distance to Nearest Fishery Resource:_____ Source:_____ Value:_____

3.5 Distance to, and Name(s) of, Nearest Sensitive Environment(s)_____ Source:_____ Value:_____

4.0 RELEASE
Explain basis for scoring a release to surface water:_____ Source:_____ Value:_____

WORKSHEET 5
AIR ROUTE

1.0 SUBSTANCE CHARACTERISTICS

1.1 Introduction (WARM Scoring Manual) - Please review before scoring

1.2 Human Toxicity

Substance	Air Standard (ug/m^3)	Val.	Chronic Toxicity (mg/kg/day)	Val.	Acute Toxicity (mg/kg-bw)	Val.	Carcinogenicity WOE	PF*	Val.
1. Benzene	0.12	10	-	0	3.2E+4	3	A	.029	5
2. Ethylbenzene	118	4	-	0	-	0	-	-	0
3. Xylene	11.8	7	0.85	1	2.2E+4	3	-	-	0
4. Toluene	10.24	7	0.57	1	-	0	-	-	0
5.									
6.									

*Potency Factor

Source: 2
Highest Value: 10
+2 Bonus Points? 2
Final Toxicity Value: 12

1.3 Mobility (Use numbers to refer to above listed substances)

1.3.1 Gaseous Mobility
Vapor Pressure(s): 1=4 ; 2=3 ; 3=3 4=4 ; 5= ; 6= Source: 2
Value: 4

1.3.2 Particulate Mobility
Soil type: Source:
Erodibility: **Value:**
Climatic Factor:

1.4 Final Human Health Toxicity/Mobility Matrix **Value: 24**

1.5 Environmental Toxicity/Mobility

Substance	Non-human Mammalian Acute Toxicity	Value	Mobility	Value
1. Benzene	3.2E+4	3		4
2. Ethylbenzene	-	0		3
3. Toluene	-	0		4
4. Xylene	2.2E+4	3		3
5.				
6.				

Environmental Toxicity/Mobility Matrix Source: 2 **Value: 6**

WORKSHEET 5 (CONTINUED)
AIR ROUTE

1.6 Substance Quantity: _____ Source: 1 Value: 6
Explain basis: Site is approximately 56,000 square feet.

2.0 MIGRATION POTENTIAL

2.1 Containment: Source: 1 Value: 6
Contaminated soil in subsurface. No vapor recovery system.

3.0 TARGETS

3.1 Nearest Population: 200 feet. Source: 4 Value: 10

3.2 Distance to, and Name(s) of, Nearest Sensitive Environment(s): wetland @1,500 feet north. Source: 5 Value: 6

3.3 Population within 0.5 miles: ✓population= 194 Source: 4 Value: 14

4.0 RELEASE

Explain basis for scoring a release to air: _____ Source: 1 Value: 5
Soil gas survey identified BETX and other vapors.

WORKSHEET 6
GROUND WATER ROUTE

1.0 SUBSTANCE CHARACTERISTICS

1.1 Human Toxicity

Substance	Drinking Water Standard (ug/l)	Val.	Chronic Toxicity (mg/kg/day)	Val.	Acute Toxicity (mg/kg-bw)	Val.	Carcinogenicity WOE	PF*	Val.
1. Benzene	5	8	-	0	3,306	3	A	.029	5
2. Ethylbenzene	700	4	0.1	1	3,500	3	-	-	0
3. Toluene	2,000	2	0.2	1	5,000	3	-	-	0
4. Xylene	10,000	2	2	1	50	10	-	-	0
5.									
6.									

*Potency Factor

Source: 2
Highest Value: 10
+2 Bonus Points? 2
Final Toxicity Value 12

1.2 Mobility (Use numbers to refer to above listed substances)
Cations/Anions _____ Source: 2 Value: 3

OR
Solubility(mg/l): benzene - 1,800 = 3

1.3 Substance Quantity Source: 1,3 Value: 5
Explain basis: Site is 250 feet by 225 feet. Assume 3 foot depth of contamination. Total is 6,250 cubic yards.

2.0 MIGRATION POTENTIAL

2.1 Containment Source: 3 Value: 10
Explain basis: Contaminated soil (see source 3, pg. GW-13).

2.2 Net Precipitation: 28.6 inches Source: 4 Value: 3

2.3 Subsurface Hydraulic Conductivity: 1E-5 to 1E-3 Source: 4 Value: 3

2.4 Vertical Depth to Ground Water: 100 to 200 feet Source: 4 Value: 3

WORKSHEET 6 (CONTINUED)
GROUND WATER ROUTE

3.0 TARGETS

3.1 Ground Water Usage: public with alternate. Source: 4 Value: 4

3.2 Distance to Nearest Drinking Water Well: 2,000 ft Source: 6 Value: 3

3.3 Population Served within 2 Miles: √population=402 Source: 4 Value: 20

3.4 Area Irrigated by (Groundwater) Wells within 2 miles: 0.75√no.acres= 368 Source: 4 Value: 14

4.0 RELEASE

Explain basis for scoring a release to ground water: No evidence. Source: 1 Value: 0

SOURCES USED IN SCORING

1. Kleinfelder, Inc., Subsurface Gas Sampling, Jack-in-the-Box Restaurant Number 8459, Southwest Corner of Pacific Highway South and South 252nd, Kent, WA January 21, 1991.

2. Science Applications International Corporation, Toxicology Database for Use in Warm Scoring, June 1991.

3. Washington Ranking Method Scoring Manual, Hazardous Waste Investigations and Cleanup Program, April 1990.

4. Science Applications International Corporation, Site Hazard Assessment Data Collection Summary Sheets for Washington Ranking Method, June 1991.

5. Site reconnaissance by Elaine Atkinson, Department of Ecology, May 1991.

6. Science Applications International Corporation, Final Report for Site Hazard Assessment at Pacific Highway South - S. 248th Street, Kent, WA, June 21, 1991.

Science Applications International Corporation
An Employee-Owned Company

June 25, 1991

Elaine Atkinson
Washington Dept. of Ecology
3190-160th Avenue S.E.
Bellevue, WA 98008-5450

Reference: Ecology Contract No. C0089006; Work Assignment No. SAIC 49; Hansville SHAs; SAIC Project No. 1-817-00-394

Dear Elaine:

Enclosed is the scoring package for the South 252nd Street Site. If you should have any questions, please call.

Sincerely,

Stephanie Lidren

for Barbara J. Morson
Assistant Vice President

BJM:sl
enclosure
cc: L. Wynands
J. Ohrbom
L. Lowe, w/encl.-Ecology

626 Columbia Street N.W., Suite 1C, Olympia, Washington 98501 (206) 754-7077; FAX (206) 943-1331

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
TOXICS CLEANUP PROGRAM

SITE HAZARD ASSESSMENT DATA COLLECTION SUMMARY SHEETS
FOR
WASHINGTON RANKING METHOD

Site
Name: South 252nd Street - Pacific Highway South

Location: Corner of Pacific Highway S. and S. 252nd St./Kent, WA
(T22N/R4E/NW1/4 SE1/4 21

Site owner/operator: Mr. Harvey L. Grohs

Address: 2505 South 252nd St.

Any other known PLP(s): No

Address: 2505 South 252nd St./Kent, WA 98032

Site Number: _____

Date(s) of field site hazard assessment: _____

Samples or field measurements:

_____ surface water	X soil
_____ air	_____ ground water
	soil gas

(Attach copies of pertinent sampling and analytical data, as well as all other supporting documentation.)

Photographs: _____

Weather: _____

Lead inspector: _____

Other inspectors: _____

Signature: _____

PART I: Hazardous Substances

NOTE: Page numbers (e.g. SW-2) shown in parentheses throughout this checklist refer to the WARM Scoring Manual. WK- numbers refer to pages of the new scoring sheets (not those in the scoring manual).

A. LIST

List hazardous substances, known or suspected (check k or s), currently at the property, or that have been previously (check c or p) at the property (WK-2,3):

Hazardous Substance	K	S	C	P	Quantity	Units
1. Methane					42,937	mg/m^3
2. Ethylbenzene					38	mg/m^3
3. MEK					1,880	mg/m^3
4. Toluene					211	mg/m^3
5. Total Xylenes					155	mg/m^3
6. Benzene					54	mg/m^3
7. TPH					<200	mg/Kg
8.						
9.						

Additional?_____(list on attachment)

By which routes are these available?

(Soil Gas)

Number (from above)	Surface Water	Air	Groundwater
1.		X	X
2.		X	X
3.		X	X
4.		X	X
5.		X	X
6.		X	X
7.		X	X
8.			
9.			

B. SOURCES

Check those known or observed (WK-3):

_____ drums or other containers
_____ electrical transformers
_____ above ground tanks
_____ below ground tanks
_____ ponds, pits, or other impoundments
_____ pipelines (other than water, sewer, or gas)
_____ floor drains
_____ exterior drains for rainwater, surface waters, spills, etc.
_____ other? Identify: None known at this time

C. INDICATORS

Check those know or observed:

_____ discolored soils
_____ disturbed soils
_____ discolored standing water
X unusual or noxious odors
_____ sick or dead vegetation
_____ groundwater monitoring wells
_____ other? Identify: None documented - however, methane has been detected on the property

If any are checked in B or C, explain details including exact locations (identify location in a map or drawing).

Additional information:

PART II: Releases

A. KNOWN OR SUSPECTED RELEASES

List those hazardous substances identified (by number) in I.A. which are known, or suspected, to have been released (WK-2,3):

Substance (#)	Quantity Released	Units	Medium Released To
TPH	Unknown	mg/kg	Soil

Additional information/reference? No known sources identified

B. SOURCES AND IMPACTS (Pages SW-5,6; A-9,10; GW-6,7)

List those hazardous substances identified (by number) in II.A. and identify the source and impact:

Substance No.	Source	Impacts/affects To	Area
TPH (diesel)	unknown	soil	unknown

Additional information/reference? None identified

III. Migration Potential

A. CONTAINMENT--LANDFILLS (SW-7; A-12; GW-8,9)

Present? None known How many?_____

Check those that apply:

1. _____An engineered, maintained run-on/run-off control system
2. _____An engineered/maintained cover without ponding
3. _____Unmaintained run-on/runoff control system or cover
4. _____No run-on/runoff control or no cover
5. _____Uncontaminated soil cover greater than 6" thick
6. _____Uncontaminated soil cover less than 6" thick
7. _____Contaminated soil used as cover
8. _____A functioning vapor collection system
9. _____Mixing or agitation used
10. _____No liner
11. _____Single clay or compacted soil liner (permeability_____cm/sec)
12. _____Single synthetic liner (permeability_____cm/sec)
13. _____Double liner system (permeability_____cm/sec)
14. _____Leachate collection system, maintained and functioning
15. _____Leachate collection system, unknown condition or not functioning
16. _____Liquid wastes may have been disposed of
17. _____Liquid wastes were disposed of in landfill
18. _____Reliable evidence no liquid wastes were disposed

Additional comments:_____

B. CONTAINMENT--SURFACE IMPOUNDMENTS (SW-7,8; A-13; GW-10,11)

Present None How many?_____

Check those that apply:

1. _____The dike is apparently sound

2. _____The dike is regularly inspected and maintained

3. _____There is evidence of failure, erosion, slumping, or release of contents

4. _____Two feet of freeboard maintained automatically

5. _____The freeboard is manually controlled so that there is at least 2 feet of freeboard

6. _____Evidence of insufficient freeboard (<2 ft.)

7. _____A maintained cover

8. _____Unmaintained cover, no cover

9. _____No liner

10. _____Single synthetic liner

11. _____Single clay or compacted soil liner

12. _____Double liner

13. _____Working leak detection system

14. _____Evidence of loss of fluid (other than by evaporation)

Additional comments:_____

C. CONTAINMENT--DRUMS AND SMALL CONTAINERS (SW-9; A-11; GW-11)

Present None How many?_____

Check those that apply:

1. _____No functional containment

2. _____There is secondary containment capacity for the total volume of containers

3. _____There is secondary containment with capacity for at least 110% of volume of the largest container

4. _____The secondary containment is less that 110% of the volume of the largest container

5. _____The containers are stored in single, or double layers on pallets, or in racks

6. _____The containers are stored in an unstable manner

7. _____Some containers are open or have visible liquid

8. _____Some containers are leaking

9. _____Containers are protected from weather

10. _____Containers showing deterioration

11. _____Containment surface is impervious

12. _____Containment surface has cracks or semi-permeable

13. _____No base material/permeable base such as gravel/base materials unknown

14. _____Containment is regularly inspected and maintained

15. _____Evidence of containment failure

Additional comments:_____

D. CONTAINMENT--STORAGE TANKS (SW-9; A-11; GW-11)

Present None known How many?_____

Check those that apply:

1. _____Secondary containment with a capacity of 110% of the volume of the tanks

2. _____Secondary containment at least 50% of the volume of all tanks

3. _____Containment system with capacity for at least 10% of volume of containers or tanks

4. _____No containment, or less than 10% capacity

5. _____Tank volumes maintained

6. _____Automatic controls used for volume maintenance

7. _____Tanks are covered

8. _____Uncovered tanks have aeration, mixing, or heating of tank contents

9. _____Containers sealed, protected

10. _____Containers sealed, not protected

11. _____Containers deteriorated

12. _____Containers leaking

13. Record the #s of above which apply only to above ground tank
_____

14. Record the #s of above which apply only to below ground tanks
_____

15. Record the #s of above which apply to both above and below ground tanks:
_____

Additional
comments:_____
_____
_____
_____
_____

E. CONTAINMENT--WASTE PILES (SW-10; A-13; GW-12,13)

Present None known How many?_____

Check those that apply:

1. _____Waste pile is outside, no protecting structure

2. _____Waste pile is outside, in open structure with roof

3. _____Waste pile is outside, with partial or unmaintained cover

4. _____Waste pile is outdoors, with maintained cover

5. _____No cover is present

6. _____Waste pile is fully enclosed, intact building

7. _____There is an engineered run-on/run-off control

8. _____The run-on/run-off is maintained

9. _____Run-on/runoff control present, unknown condition

10. _____No run-on/runoff control system present, or unknown if present

11. _____Liner or base present; _____Not present

12. _____Single clay or compacted soil liner

13. _____Single synthetic liner

14. _____Double liner

15. _____Maintained, functioning leachate collection system

16. _____Leachate collection system; _____Unknown condition;
or _____Not functioning

Additional
comments:_____
_____
_____
_____
_____

F. CONTAINMENT--SPILLS, DISCHARGES, AND CONTAMINATED SOIL (SW-10,11; A-13,14; GW-13)

Check those that apply:

1. __X__ Spill, discharge, or contaminated soil only in the subsurface at the site--including dry wells, drain fields, leaking underground storage tanks

2. _____ Soil contamination that has been covered partially excavated and filled with at least 6 inches of clean soil

3. _____ Soil contamination that has been covered or partially excavated and filled with less than 6 inches of clean soil

4. _____ Uncontaminated soil cover >2 feet thick

5. _____ No cover; or _____ Cover <2 feet, but > 6" thick

6. _____ Spill, discharge, or contaminated soil present at the surface in an area with maintained run-on/run-off controls

7. _____ Spill, discharge, or contaminated soil present at the surface in an area with unmaintained run-on/run-off controls

8. _____ Spill, discharge, or contaminated soil present at the surface with no run-on/run-off controls or unknown controls

9. _____ Contaminated soil has been disturbed or excavated and stored above grade

10. _____ A functioning vapor recovery system

11. _____ No vapor recovery system

Additional comments: TPH was detected in soil samples at the site, however, there is no other documented evidence of any spilles or discharges.

G. CONTAINMENT--SITE CHARACTERISTICS (SW-11,12; A-6; GW-14; WK-5,6,8)

1. How would you evaluate the site soils? Circle predominant textural class.

X[1] Sand, gravel, sandy gravel, well-graded sand, well-graded gravel, gravelly sand, gravelly sand loam, silty sandy loam?

_____ Poorly-graded sands with fines, silt-sand mixtures, loam, silt loam, sandy silt loam, clayey sand, clay sand loam?

X[1] Clayey sands, sand-clay mixtures, clayey gravels, clay-sand-gravel mixtures, inorganic silts, clayey silt loam, silty clay loam, porous rock outcrop, sandy silty clay, sandy clay loam?

_____ Clay (organic and inorganic), clay loam, rock outcrop, peat, peaty clay?

Is the above based on personal observation, lab analysis, or professional judgment by a soil expert? (circle) none of the above

2. Total annual precipitation= 33.8 in./yr (SW-12; WK-5)

3. Max. 2-yr/24-hr precip.= 2-2.5 inches (SW-14; WK-5)

4. Net precipitation (see 2.2, GW-13)= 28.6 in. (WK-9)
(N-A

5. Is the site not in a flood plain? No (SW-14; WK-5)
Is the site in a 500 year flood plain? _____
Is the site in a 100 year flood plain? _____
Flood Insurance Rate Map Comm. Panel No. _____
Best professional judgement

6. What is the terrain slope to the nearest surface water?
8.2 % (SW-14,15; WK-6) $\frac{340-200}{1,700} \times 100 = 8.2\%$

7. What is the subsurface hydraulic conductivity?
est. 10^{-3}- 10^{-5} cm/sec (GW-14; WK-9)

8. What is the vertical depth from the deepest point of known contamination to ground water? >100-200[2] feet (GW-15; WK-9)

Additional comments: [1] Site soils were evaluated based on boring logs for monitoring wells completed near the site during the Midway Landfill investigation. However, soil survey for King County indicates this area is gravelly sandy loam. [2] Depth to ground water is estimated based on information for the nearby Midway Landfill investigation.

IV. Targets

A. DISTANCE TO SURFACE WATER (SW-16; WK-6)

1. What surface water(s) (lake, stream, river, pond, bay, etc.) is/are within 10,000 feet (downgradient) of the site?

Name	Dist. - ft.	Obs.	Meas.
Unnamed stream	1,700 ft.		X

None?_____ Comments The stream discharges near Saltwater State Park

2. What drinking water intakes are within 2 miles of the site? (all lake intakes, river intakes downstream only) (SW-12; WK-6)

None?_____

Source	Location	Pop. Served
Star Lake	T24/R4E/Sec 34	18

3. How much acreage (anywhere) is irrigated by surface water intakes (downstream only) or wells (anywhere) within 2 miles of the site? (SW-16; GW-18; W/S 5; WK-6,9)

None?_____

SURFACE WATER: Acres 493 (1600 acres max.)

Source(s) Green River, unnamed stream and Spring, Canyon Creek ;

GROUNDWATER: Acres 368 (4500 acres max.)

Source(s) Wells

4. What is the distance to the nearest fishery resource (total of overland distance plus downgradient distance)? (SW-17; WK-6)

   Over 10,000 feet? No ____ Distance if less than 10,000 feet? 1,700 ft.

5. What are the names of, and the distances to the nearest sensitive environments (total of overland distances plus downgradient distances)? (SW-18; A-15; WK-6)

   Over 10,000 feet?_____ Names and distance if less than 10,000 feet:
   Saltwater State Park ~ 4,800 ft

6. Is the aquifer a federally-designated sole source aquifer?_____ (GW-16; WK-9)

7. Is the ground water used for: (GW-16; WK-9)

X	private supply
X	public supply
X	irrigation of human food crops or livestock
X	non-food (human) vegetation
X	not used due to natural contaminants
	ground water not used, but usable

8. Distance to nearest drinking water well? 5,100 feet (GW-17; WK-9)
   SW1/4 SW1/4 Sec 21

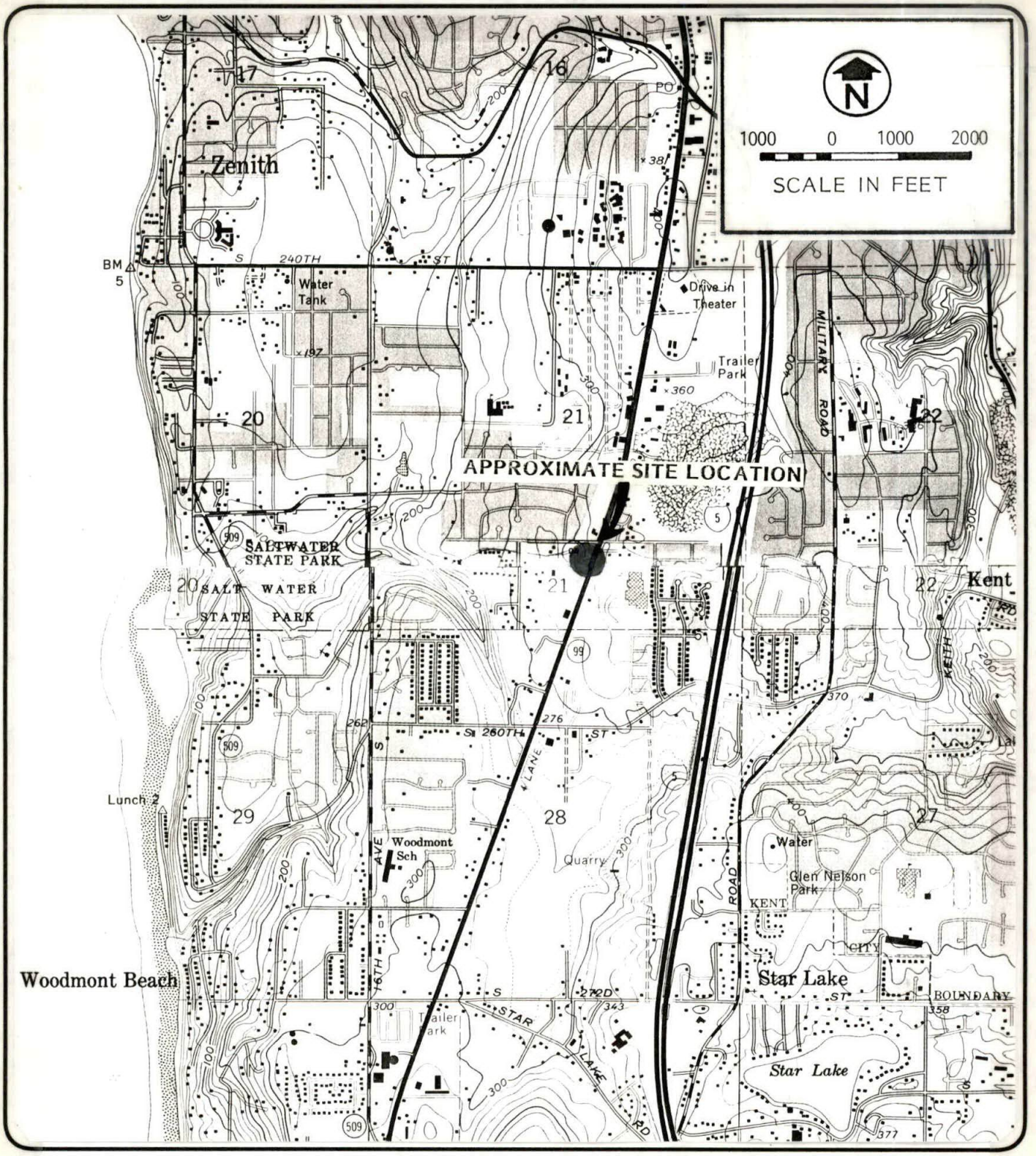
9. Is there an alternate source available to groundwater for private or public water supply? (WK-9) Yes

10. Population served by drinking water wells within 2 miles 402 ? (GW-17; WK-9)

11. Distance to the nearest population? 200 feet (A-15, 16; WK-8)

12. Population within one-half mile radius? 194 (A-16; WK-8)
    1/6 (1,166) Tract 290

Additional comments:_____



LOCATION OF PACIFIC HIGHWAY SOUTH -
SOUTH 252ND STREET SITE