WORKSHEET 1

SUMMARY SCORE SHEET

Site Name: Hahn Motor Company	ID No:

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

Yakima/Yakima City/T13N/R19E/Sect32 30

Site Description: (Attach a sketch/map)

Hahn Motor Company conducts retail automotive sales, along with automotive maintenance and repair on-site. This site consists of two underground waste oil tanks (USTs) and two floor sumps inside main facility and a "Dry Well" waste water sump located north of main facility across the street.

2 USTs store used oil; T1 - 4,000 gal. capacity, T2 - unknown capacity.
2 Waste water floor slumps used to capture surface run-off in automobile repair area; drain into city sewer system.
1 "Dry well" waste water slump used to capture run-off in truck repair area.

Special Considerations:

All information obtained from preliminary integrity assessment of two underground storage tanks and three industrial waste water sumps - lateral and vertical extent of contamination unknown.

ROUTE SCORES:

Ground Water/Human:	31.2	Surface Water/Environmental:	3.6
Surface Water/Human:	4.0	Air/Environmental:	0.0
Air/Human:	11.2		

SITE WORKSHEET

Site Name: HAHN MOTOR COMPANY

1. What waste management areas/spills are present at the site?

MAIN FACILITY – 2 USTs, 2 FLOOR SUMPS (INTERIOR) / PETROLEUM HYDROCARBONS CAPTURES SURFACE RUN-OFF IN AUTO. REPAIR AREA.

FIFTH WHEEL SHOP – EXTERIOR FLOOR SUMP / CAPTURES RUNOFF IN TRUCK REPAIR AREA.

1a. How big are they? (Use measure most applicable to type of waste and container, ie., drums = gallons, landfill volume = cubic yds, tanks = gallons, impoundments = gallons)

1 UST = 4,000 gal. of oil; 2nd UST UNKNOWN.

CONTAMINATED AREAS AROUND SUMPS UNKNOWN.

2. For each waste management area listed above, what hazardous substances are present/ important for that area? Why? SUMP1:

MAIN FACILITY / TOTAL PETROLEUM HYDROCARBON (TPH) > WDOE RCG, 1,1,1-TRICHLOROETHANE 5.2 ppb, TETRACHLOROETHENE 0.7ppb

SUMP 2: SOIL { ACETONE 7.5 ppb, 1,2-DICHLOROETHENE 1.7 ppb, 1,1,1-TRICHLOROETHANE 1.1 ppb, TRICHLOROETHENE 2.9 ppb, TETRACHLOROETHENE 7.3 ppb, TOLUENE 25 ppb, ETHYLBENZENE 2.2 ppb, TOTAL XYLENES 8.8 ppb.

FIFTH WHEEL SHOP TOLUENE 1.1 ppb. – SOIL; TPH > WDOE RCG.
ACETONE 22 ppb, TETRACHLORODETHENE 5 ppb – GROUNDWATER. ALL VOC > MDL

3. Which areas/substances are to be used to score the ground water route?

FIFTH WHEEL SHOP (ONLY AREA SAMPLED FOR GROUND H2O CONT.) / ACETONE, TETRACHLOROETHENE

3a. Have releases to ground water occurred?

UNKNOWN

3b. How are these documented?

—

4. Which areas/substances are to be used to score the air route?

MAIN FACILITY – 1,1,1-TRICHLOROETHANE, TETRACHLOROETHENE, TOLUENE, ETHYL BENZENE

FIFTH WHEEL SHOP – TOLUENE

4a. Have releases to air occurred?

UNKNOWN

4b. How are these documented?

—

THE OTHER VOLATILE ORGANICS LISTED IN #2 ARE NOT IN MY DRAFT OF "WA. DEPT. HEALTH ··· PRIORITY POLLUTANTS". THESE WERE SCREENED TO OBTAIN FINALS FOR RANKING.

5. Which areas/substances are to be used to score the surface water route?

MAIN FACILITY – 1,1,1-TRICHLOROETHANE, TETRACHLOROETHENE, TOLUENE, ETHYL BENZENE

FIFTH WHEEL SHOP – TOLUENE

5a. Have releases to surface water occurred?

UNKNOWN

5b. How are these documented?

—

WORKSHEET 3

ENVIRONMENTAL AND TARGET DATA

Site Name: Hahn Motor Company

Section/Township/Range: T13N / R19E / Sect. 32 30

USGS Quadrangle Name: Yakima East

Name of Soil Conservation Service Soil Survey: Not Available

Nearest Drinking Water Well (Describe by name section/township/range), include distance:

UNION GAP WATER 55Q / T12N / R19E

~1 MILE FROM SITE

Total Population Served by Drinking Water Wells: 3,802

Nearest Surface Water (Drinking) Intake (Describe by name, section/township/range), include distance:

NO SURFACE WATER INTAKES IN 2 MILE RADIUS

Total Population Served by Surface Water Intakes: —

Acreage Irrigated by Wells: 418.5

Acreage Irrigated by Surface Water Intakes: —

Sensitive Environments (List by name, distance/direction from site):

1. YAKIMA SPORTSMAN STATE PARK, ~2 MILE / NORTH EAST
2. YAKIMA AREA ARBORETUM, 1 1/2 MILE / NORTH (CAMPING)
3. YAKIMA HATCHERY, 2 1/2 MILE / WEST

AIR ROUTE TOXICITY MATRIX

Compound	Air Standard	Value	Chronic Toxicity	Value	Acute Toxicity	Value	Carcino-genicity	Value	Highest Value
1. 1,1,1-TRICHLOROETHANE	X		0.3 mg/kg/day	1	18000 ppm/4H	?	X		1
2. TETRACHLOROETHENE	X		X		X		0.8(3)	2.4	2.4
3. TOLUENE	510 ug/m³	4	2 mg/m³	1	1.54E4	3	X		4
4. ETHYL BENZENE	X		X		X		X		X
5.									
6.									

+Bonus Value (2 pts) = _____

WORKSHEET 3 (Continued)

SURFACE WATER ROUTE TOXICITY MATRIX

Compound	Drinking H_2O Standard ($\frac{mg}{\ell}$)	Value	Chronic Toxicity (mg/kg/day)	Value	Acute Toxicity (mg/kg)	Value	Carcino-genicity	Value	Highest Value
1. 1,1,1-TRICHLOROETHANE	3.1×10^4	2	9×10^{-2}	1	10,300	1	D	X	2
2. TETRACHLOROETHENE	5.2×10^3	2	1×10^{-2}	3	800	5	0.8(5)	4	5
3. TOLUENE	1.7×10^4	2	3×10^{-1}	1	5,000	3	D	X	3
4. ETHYL BENZENE	3.2×10^4	2	1×10^{-1}	1	3,500	3	D	X	3
5.									
6.									

FRESHWATER/NEAR YAKIMA RIVER

+Bonus Value (2 pts) = —

Environmental Toxicity Acute Standard: Tetrachloroethene OR Toluene Ethylbenzene Value = 2

COMPOUND	ENVIRON. TOXICITY	VALUE
1.	X	
2.	$9.3 = 9.3 \times 10^3$ mg/ℓ	2
3.	$1.7 \times 10 = 1.7 \times 10^4$	2
4.	$3.2 \times 10 = 3.2 \times 10^4$	2

GROUND WATER ROUTE TOXICITY MATRIX

Compound	Drinking H_2O Standard	Value	Chronic Toxicity	Value	Acute Toxicity	Value	Carcino-genicity	Value	Highest Value
1. ACETONE	X								
2. TETRACHLOROETHENE	5.2×10^3	2	1×10^{-2}	3	800	5	0.8(5)	4	5
3.									
4.									
5.									
6.									

Not in priority pollutant info. I have.

+Bonus Value (2 pts) = _____

Attach the following to this worksheet:

1. **Copy of USGS Quadrangle map with site marked**
2. **Copy of map showing sensitive environments**
3. **Copy of site-specific soil descriptions, or SCS Soil Survey pages showing site location, and text describing soil types**
4. **Copy of Washington State Water Rights Information System printouts showing acreage irrigated by wells and surface water intakes.**
5. **Copy of Washington Public Supply System Listing showing drinking water sources within 2 miles.**

WORKSHEET 4

SUBSTANCE CHARACTERISTIC WORKSHEET FOR MULTIPLE UNIT/SUBSTANCE SITES			
	Combination 1	Combination 2	Combination 3
Unit: Substance:			
AIR ROUTE Human Toxicity/Mobility Value: Environmental Toxicity/ Mobility Value : Containment Value:			
Air Human Subscore : (Toxicity/Mobility + 5) • (Containment + 1) Air Environmental Score: (Toxicity/Mobility + 5) • (Containment + 1)			
SURFACE WATER ROUTE Human Toxicity Value: Environmental Toxicity Value: Containment Value:			
Surface Water Human Subscore: (Toxicity + 3) • (Containment + 1) Surface Water Environmental Subscore: (Toxicity + 3) • (Containment + 1)			
GROUND WATER ROUTE Human Toxicity Value: Containment Value:			
Ground Water Subscore: (Toxicity + 5) • (Containment + 1)			

WORKSHEET 5

SURFACE WATER ROUTE

1. SUBSTANCE CHARACTERISTICS

Human Toxicity	1 2 3 4 **(5)** 6 7 8 9 10 11 12	5
Environmental Toxicity	1 **(2)** 3 4 5 6 7 8 9 10	2
Quantity - unknown, preliminary integrity assessment recommended additional work be done to find lateral/vertical contamination (pg. 7).	**(1)** 2 3 4 5 6 7 8 9 10	1

2. MIGRATION POTENTIAL

Containment	**(0)** 2 4 5 6 7 8 **(10)**	10
Assessment. pg. 5 Surface Soil Permeability sands + gravel	**(1)** 3 5 7	1
Total Annual Precipitation 7.2"	**(1)** 2 3 4 5	1
2-Year, 24-Hour Rainfall ≈ 10 1/10"	**(1)** 2 3 4 5	1
Flood Plain - not in flood plain	**(0)** 1 2	0
Terrain Slope	**(1)** 2 3 5	1

$\frac{1000' - 960'}{5280'} \times 100 = 0.76\%$

3. TARGETS

Distance to Surface Water 5280'	0 **(2)** 4 7 10	2
Population Square Root ($\sqrt{}$ Popu. - write in nearest whole no.)	10	0
Area Irrigated (0.75 $\sqrt{}$ Area - write in nearest whole no.) 0.75 10		0
YAKIMA HATCHERY 2.5 mi. UPSTREAM Distance to Fishery Resource > 10,000'	**(0)** 3 6 9 12	0
Distance to Sensitive Environment 10,000'	**(0)** 3 6 9 12	0

4. RELEASE

(0) 5 — 0

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1. **Substance/containment combination used to score this task:**
   1,1,1-Trichloroethane, tetrachloroethene, toluene, ethyl benzene / spills discharges in subsurface
2. **Waste management areas used to score quantity:**
   The two underground storage tank borings B-1, B-2 did not have any soil &/or groundwater samples from laboratory analysis. It is unknown if the tanks are leaking, causing soil contamination. Excluded 2 USTs used to store oil because leakage is undetermined and OIL compound unable to score.

NOTES:

- SUMP 1 - 1,1,1,-trichloroethane, tetrachloroethene; TPH compound unable to score.
- SUMP 2 - 1,1,1-trichloroethane, tetrachloroethene, toluene, ethyl benze; other chemicals not in toxicology database.

→ Assume, due to location of Sump 1, 2, both are contaminated w/ SUMP 2's chemicals. Inside building.

FIFTH WHEEL SHOP - since it is also a sump used to capture truck/car repair run off, assumed same compounds as sump 1 and 2. Outside bldg.

Vapor Pressures (Torr)		Value
1-Trichloroethane	100	4
Tetrachloroethene	19	4
toluene	28	4
ethylbenzene	10	4

WORKSHEET 6

AIR ROUTE

1. SUBSTANCE CHARACTERISTICS

Assume: Gaseous emissions

Human Health Toxicity/ Mobility Scalar 4/4	1 2 3 4 5 6 7 (8) 9 10 11 12 14 15 16 17 18 20 22 24	8
Environmental Toxicity 3/4 MOBILITY	1 2 3 4 5 (6) 7 8 9 10	6
Quantity - unknown, assume small volume	(1) 2 3 4 5 6 7 8 9 10	1

2. MIGRATION POTENTIAL

Containment Vapor Migration	0 3 4 5 (6) 8 10	6

3. TARGETS

Nearest Population (Yakima Meadows Race Track, central WA. State Fair Rodeo) 0.5 mi	0 2 4 (6) 8 10	6
Nearest Sensitive Environment	(0) 1 3 5 6 7	0
Population Sq. Rt. (√ Pop. in ½ mile-write in nearest whole no.) √1051 = 32.4		33

4. RELEASE

	(0) 5	0

---

1. Substance/containment combination used to score this task: 1,1,1-Trichloroethane, tetrachloroethene, toluene, ethyl benzene/(Sumps) spills, discharges at subsurface; all soil samples taken below ground.
2. Waste management areas used to score quantity:

3 sumps used to capture run-off from car/truck repair.

NOTES: 2 inside building/1 outside

WORKSHEET 7

GROUND WATER ROUTE

1. SUBSTANCE CHARACTERISTICS

Toxicity	1 2 3 4 (5) 6 7 8 9 10 11 12	5
Mobility tetrachloroethene: 150 mg/L @ 25 C (in soil)	0 1 (2) 3	2
Quantity – unknown, assume worst case	(1) 2 3 4 5 6 7 8 9 10	1

2. MIGRATION POTENTIAL

Containment	0 1 2 3 4 5 6 7 8 9 (10)	10
Net Precipitation 1.7"	0 (1) 2 3 4 5	1
Subsurface Hydr. Cond. pg. 5 of assessment "sand + gravel"	1 2 3 (4)	4
Depth to Aquifer ~14 feet	1 2 3 4 6 (8)	8

3. TARGETS

Aquifer Usage	1 2 3 4 5 (9) 10	9
Nearest Well 1 mile	0 (1) 2 3 4 5	1
Population Square Root ($\sqrt{}$ Pop.–write in nearest whole no.)	$\sqrt{3862}$ = 61.6	62
Area Irrigated (0.75 $\sqrt{}$ Area–write in nearest who no.)	0.75 $\sqrt{4185}$ = 15.3	16

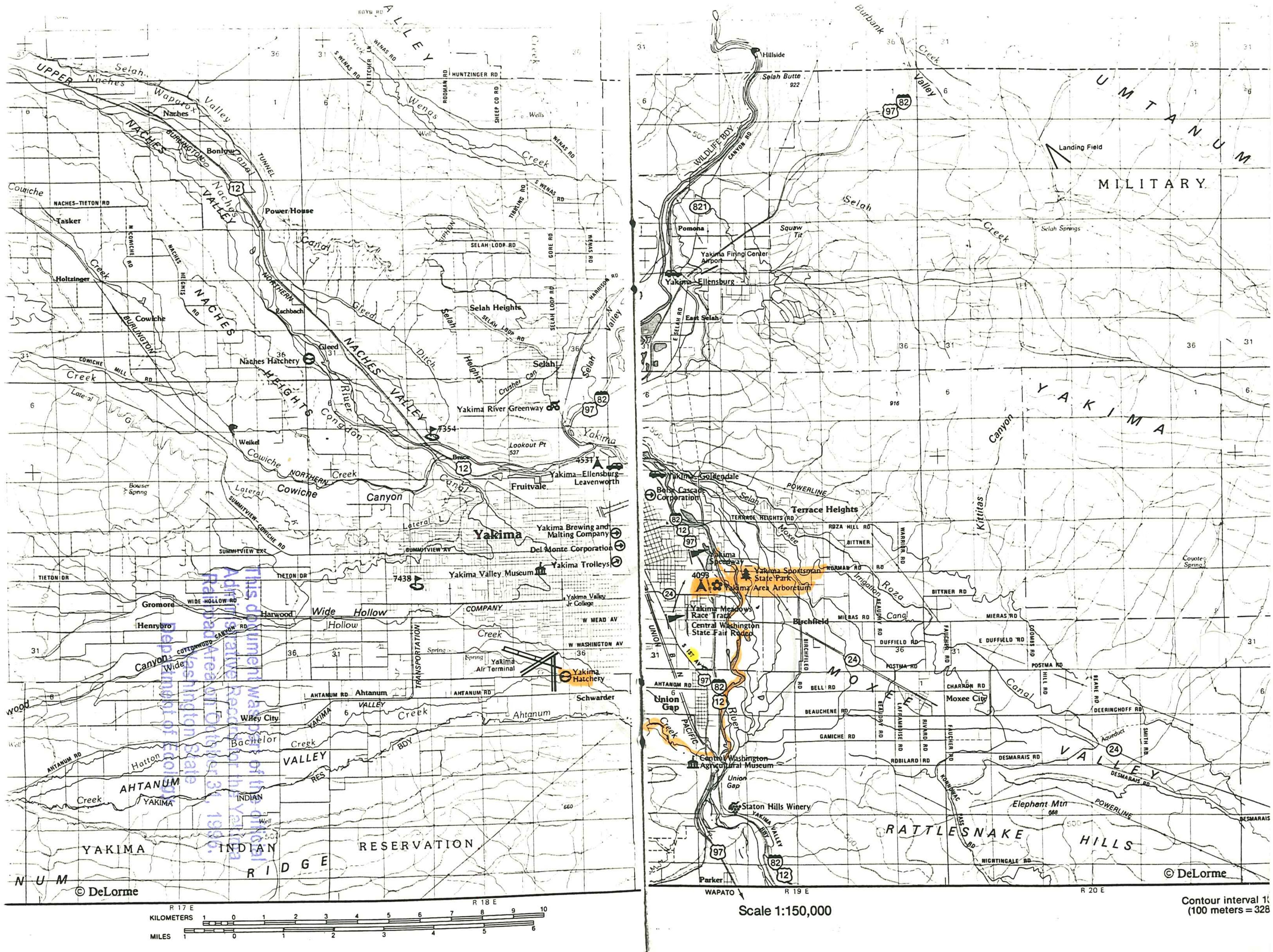
4. RELEASE

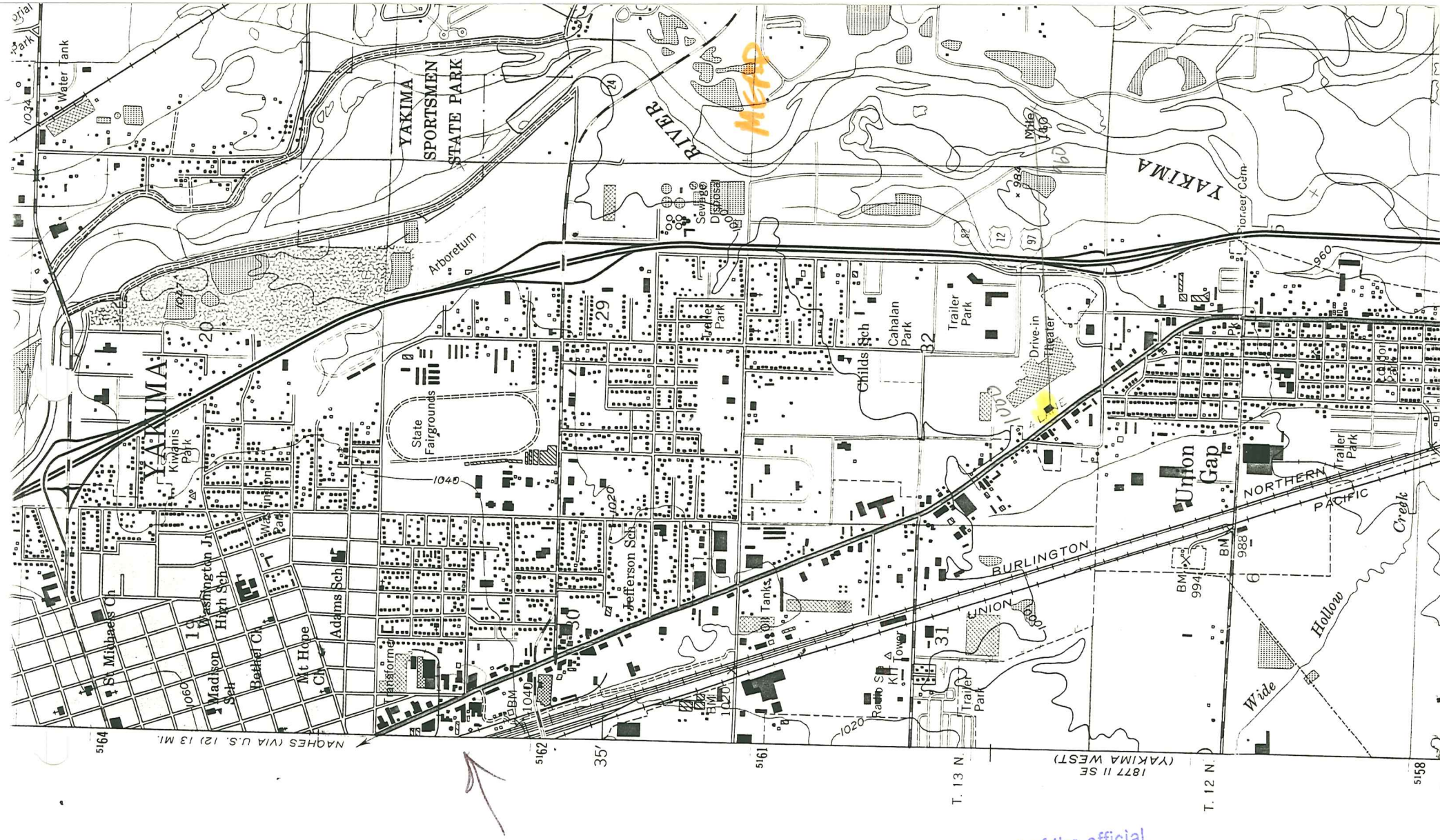
tetrachloroethene concentrations of 5 ppb encountered in groundwater may reflect regional contamination. Recent regional study release pending

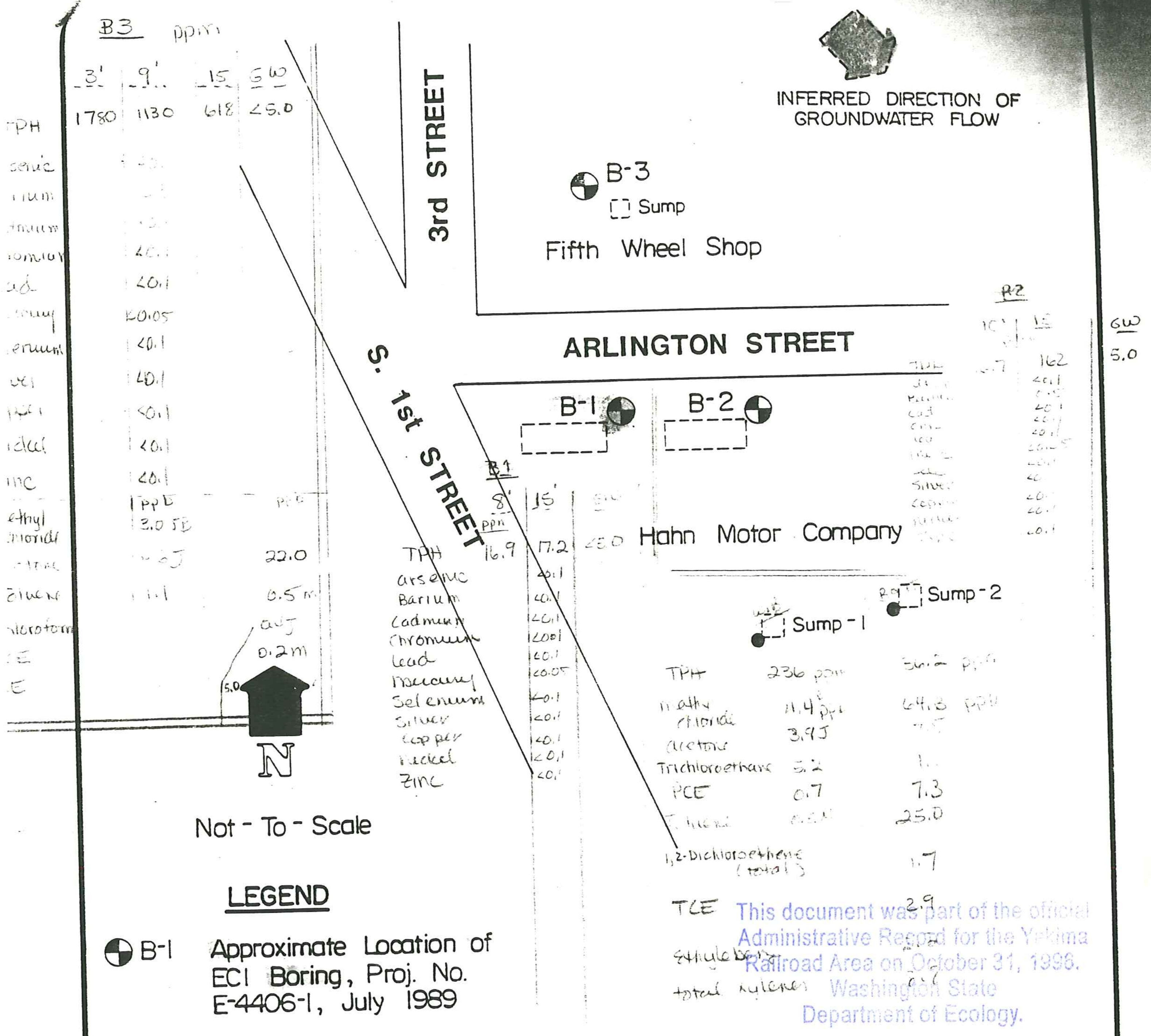
0 (5) → 5

1. **Substance/containment combination used to score this task:** tetrachloroethene / spill, discharge to subsurface / contaminated soil
2. **Waste management areas used to score quantity:**

NOTES: Fifth wheel shop sump by B-3 was only area sampled for ground water. "dry-well" sump.







LEGEND

B-1 Approximate Location of ECI Boring, Proj. No. E-4406-1, July 1989

● Approximate Location of ECI Hand Auger Boring

Reference : Site Sketch By Earth Consultants Inc. Updated

Note: When scope of work comes in they should do halogenated hydrocarbons, PCBs, EP tox, ethylene glycol to

Earth Consultants Inc.
Geotechnical Engineers, Geologists & Environmental Scientists

Boring Location Plan
Hahn Motor Company
Yakima, Washington

Proj. No. 4406-1	Drwn. GLS	Date Oct. '89	Checked TS	Date 10/10/89	Plate 2

Hot [illegible] Results

ppm	B-3 3'	B-3 9'	B-3 15'	B-3 GW	B1 8'	B1 15'	B1 GW	B-2 10'	B-2 15'	B-2 GW	SUMP1 WB	SUMP2 BATT	100x / 10x MCL, RMCL, WQC, UST	LUST NOT. / soil	H2O
TPH	1780	1130	618	<5.0	16.9	17.2	<5.0	16.7	162	5.0	236	36.2		100 ppm 200 Dies.	1501 no sheen
ARSENIC		<0.1				<0.1			<0.1				.5 / 5		
BARIUM		0.3				<0.1			0.5				10.0 / 100		
CADMIUM		<0.1				<0.1			<0.1				.1 / 1		
CHROMIUM		<0.1				<0.1			<0.1				.5 / 5		
LEAD		<0.1				<0.1			<0.1				.5 / 5		
MERCURY		<0.05				<0.05			<0.05				.02 / 2		
SELENIUM		<0.1				<0.1			<0.1				.1 / 1		
SILVER		<0.1				<0.1			<0.1				.5 / 5		
COPPER		<0.1				<0.1			<0.1				10. / 100		
NICKEL		<0.1				<0.1			<0.1						
ZINC		<0.1				<0.1			<0.1				50 / 50		
[illegible]															
methyl chloride		3.0JB									4.4 B	1.4 B			
acetone		0.6J		22.0							3.9 J	7.5			
Toluene		1.1		0.5M							0.5 M	25	.19ppb WQC / 1.9 ppb / 10.4	14.3ppm ~~.143~~	1.43ppm .0143
CHLOROFORM				0.4J											
TCE				0.2m								2.9			
PCE				5.0							0.7	7.3	.05ppm / .0005 / .004		
Trichloroethane											5.2	1.1	.2 / .002 / .02		
1,2-Dichloroethane* (total)												1.7			
ETHYLBENZENE												2.2		14ppm —	1.4 —
TOTAL XYLENES												8.8		—	—

ABOVE [illegible]

ABOVE [illegible], RMCL,
WQC

* RTECS = pg 2356 = # 35539 = 1,2, dicchloroethylene (SY II)

TABLE 1 - WEATHER REPORTING STATIONS

STATION	COUNTY	ELEVATION	LATITUDE	LONGITUDE	PERIOD OF RECORD
Appleton	Klickitat	2,336 feet	45°49'	121°16'	1959-65
*Arlington, Or.	Gilliam	350	45°43'	120°11'	1892-1965
Bickleton	Klickitat	3,000	46°00'	120°18'	1928-65
Bumping Lake	Yakima	3,440	46°52'	121°18'	1910-65
CleElum	Kittitas	1,930	47°11'	120°57'	1899-1965
Coulee Dam (1 SW)	Grant	1,700	47°57'	119°00'	1934-65
Dallesport (FAA)	Klickitat	222	45°37'	121°09'	1941-65
Ellensburg	Kittitas	1,520	46°59'	120°32'	1892-1965
Ellensburg (Airport)	Kittitas	1,729	47°02'	120°31'	1940-52
Ephrata	Grant	1,360	47°19'	119°34'	1903-65
Ephrata (FAA)	Grant	1,259	47°18'	119°32'	1949-65
Fort Simcoe	Yakima	1,300	46°20'	120°50'	1903-27
Goldendale	Klickitat	1,800	45°49'	120°46'	1906-65
Hartline	Grant	1,910	47°41'	119°06'	1929-65
*Hood River, Or.	Hood River	350	45°41'	121°31'	1889-1965
John Day Dam	Klickitat	186	45°43'	120°42'	1958-65
Lake CleElum	Kittitas	2,255	47°15'	121°04'	1913-65
Lake Kachess	Kittitas	2,270	47°16'	121°12'	1908-65
Lake Keechelus	Kittitas	2,475	47°19'	121°20'	1914-65
Moses Lake (3 E)	Grant	1,208	47°07'	119°12'	1948-65
Mount Adams RS	Klickitat	1,960	46°00'	121°32'	1924-65
Moxee	Yakima	1,000	46°35'	120°26'	1893-1945
Moxee (10 E)	Yakima	1,550	46°31'	120°10'	1946-65
Naches Heights	Yakima	1,874	46°39'	120°38'	1911-47
Othello	Adams	1,190	46°48'	119°03'	1941-65
Priest Rapids Dam	Grant	460	46°39'	119°54'	1957-65
Quincy (3 S)	Grant	1,274	47°13'	119°51'	1941-65
Rimrock (Tieton Dam)	Yakima	2,730	46°39'	121°08'	1917-65
Ruff (3 SW)	Grant	1,342	47°10'	119°00'	1918-55
Satus Pass	Klickitat	2,610	45°57'	120°39'	1956-65
Six Prong	Klickitat	1,100	45°50'	120°07'	1906-43
Smyrna	Grant	560	46°50'	119°40'	1952-65
Snoqualmie Pass	Kittitas/King	3,020	47°25'	121°25'	1910-65
Stampede Pass	Kittitas/King	3,958	47°17'	121°20'	1944-65
Sunnyside	Yakima	747	46°19'	120°00'	1895-1965
Tieton Intake	Yakima	2,280	46°40'	121°00'	1909-65
Toppenish	Yakima	765	46°22'	120°17'	1925-32
Trinidad (2 SSE)	Grant	555	47°13'	120°00'	1903-61
Wahluke	Grant	416	46°39'	119°43'	1905-44
Wapato	Yakima	850	46°26'	120°25'	1916-65
White Salmon(4 NE)	Klickitat	2,060	45°49'	121°24'	1911-52
White Swan	Yakima	970	46°23'	120°43'	1928-65
Wilson Creek	Grant	1,276	47°25'	119°07'	1940-65
Yakima WSO	Yakima	1,064	46°34'	120°32'	1944-65

* Weather stations located near counties included in summary

FIG. 9 - Station Location

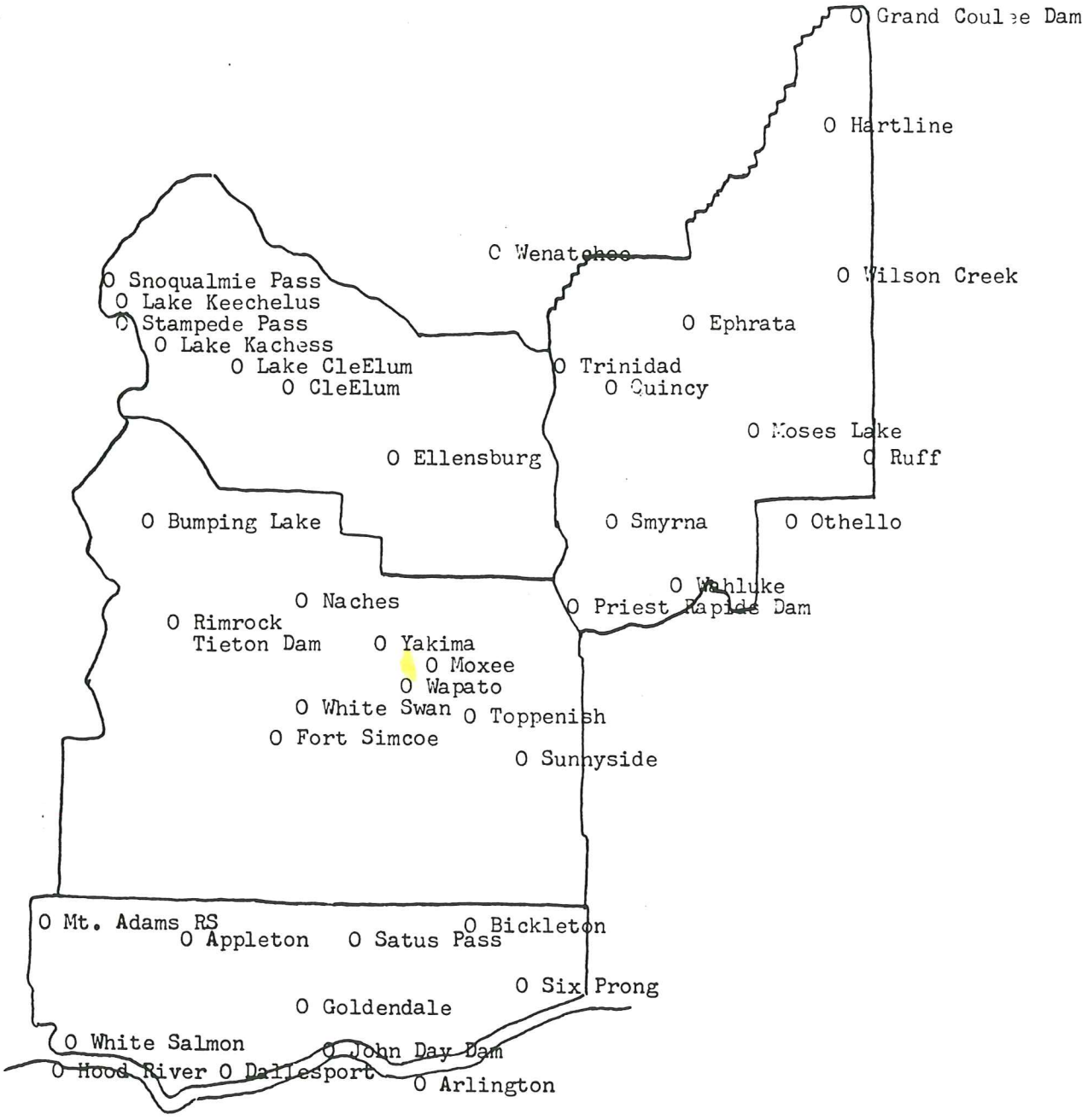


TABLE 27 - ESTIMATED EVAPOTRANSPIRATION (Inches of Water)

STATION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN.
GRANT COUNTY						Ephrata							
Precip.	1.0	.7	.6	.6	.7	1.0	.2	.3	.4	.7	1.0	1.2	8.4
PET		.1	.8	2.0	3.7	5.0	6.5	5.7	3.6	1.7	.3		29.4
Ea(6)		.1	.8	1.7	2.0	1.6	.4	.4	.4	.7	.3		8.3
						Hartline							
Precip.	1.1	.9	.7	.8	1.1	1.3	.4	.3	.5	1.0	1.3	1.6	11.0
PET			.7	1.8	3.4	4.4	5.9	5.0	3.3	1.6	.2		26.3
Ea(6)			.7	1.6	2.4	2.4	1.4	.7	.6	1.0	.2		11.0
						Ruff 3SW							
Precip.	1.2	.9	.8	.5	.9	1.1	.4	.2	.4	1.0	1.1	1.6	10.1
PET			.8	2.0	3.3	4.4	5.7	5.0	3.3	1.6	.3		26.4
Ea(6)			.8	1.9	2.2	2.1	1.0	.4	.4	1.0	.3		10.1
KITTITAS COUNTY						Ellensburg Airport							
Precip.	1.2	.8	.6	.4	.5	.7	.1	.2	.5	.7	1.3	1.5	8.5
PET			.8	1.8	3.1	4.2	5.4	4.8	3.0	1.6	.3		25.0
Ea(6)			.8	1.3	1.7	1.7	.9	.5	.6	.7	.3		8.5
						Lake CleElum							
Precip.	6.0	4.4	3.7	1.5	1.4	1.1	.4	.4	1.2	3.4	5.7	7.0	36.2
PET			.5	1.5	2.7	3.7	4.8	4.4	3.0	1.6	.3		22.5
Ea(6)			.5	1.5	2.7	2.7	2.0	1.1	1.4	1.6	.3		13.8
						Lake Kachess							
Precip.	8.7	6.9	5.8	2.7	2.2	1.9	.7	.7	1.9	5.1	7.9	10.4	54.9
PET			.4	1.4	2.6	3.6	4.7	4.3	2.9	1.6	.3		21.8
Ea(6)			.4	1.4	2.6	3.3	2.8	1.7	2.1	1.6	.3		16.2
KLICKITAT COUNTY						Bickleton							
Precip.	1.4	1.6	1.0	.7	.7	1.0	.2	.2	.3	1.1	1.6	2.2	12.0
PET		.3	.6	1.6	2.9	3.9	5.1	4.6	3.2	1.7	.4		24.3
Ea(6)		.3	.6	1.6	2.3	2.4	1.4	.7	.5	1.1	.4		11.3
						Goldendale							
Precip.	2.9	2.0	1.6	.8	.8	1.0	.2	.2	.6	1.7	2.6	3.2	17.6
PET		.2	.9	1.8	3.0	3.9	4.9	4.4	3.0	1.7	.5		24.3
Ea(6)		.2	.9	1.8	2.4	2.3	1.4	.7	.7	1.7	.5		12.6
						Mt. Adams R.S.							
Precip.	8.8	6.5	5.0	2.3	1.6	1.4	.2	.4	1.3	4.3	7.6	10.0	49.4
PET		.3	.7	1.7	2.9	3.2	4.8	4.2	2.9	1.6	.7		23.0
Ea(6)		.3	.7	1.7	2.9	2.6	2.1	1.2	1.5	1.6	.7		15.3
YAKIMA COUNTY						Bumping Lake							
Precip.	7.7	6.2	4.6	2.2	1.8	1.6	.5	.6	1.4	4.2	7.0	9.6	47.4
PET				1.0	2.3	3.1	4.1	3.8	2.7	1.4	.3		18.7
Ea(6)				1.0	2.3	2.9	.	1.6	1.7	1.4	.3		13.6
						Rimrock Tieton Dam							
Precip.	4.3	2.9	2.4	1.1	1.0	1.1	.3	.5	.7	2.3	4.2	5.5	26.3
PET			.4	1.3	2.6	3.5	4.6	4.0	2.8	1.6	.3		21.1
Ea(6)			.4	1.3	2.4	2.6	1.8	1.1	.9	1.6	.3		12.4
						Wapato							
Precip.	1.0	.7	.5	.4	.5	.8	.2	.2	.3	.6	.9		7.2
PET		.2	1.0	2.1	3.7	4.8	6.1	5.3	3.4	1.7	.4	.1	28.8
Ea(6)		.2	1.0	1.5	1.4	1.2	.3	.2	.3	.6	.4	.1	7.2
						Yakima							
Precip.	.9	.8	.5	.4	.5	.6	.2	.2	.4	.6	1.0	1.1	7.2
PET		.1	1.0	2.0	3.6	4.6	5.7	4.9	3.0	1.6	.4		26.9
Ea(6)		.1	1.0	1.5	1.5	1.1	.4	.2	.4	.6	.4		7.2

* Precip.- Average precipitation. PET - Potential Evapotranspiration
Ea(6) - Actual evapotranspiration for soil water capacity of 6 inches.

Σ Precip. = 4.7

Σ Ea. = 3.0

Net = 1.7