WORKSHEET 1
SUMMARY SCORE SHEET

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

Noland-Decoto Flying Service, Inc.
2810 West Washington Avenue
Yakima, WA 98903

Parcel number: R = 18 T = 13 S = 35 -23007

Site scored/ranked for the February 2001 update

Latitude: N46° 34' 15.06"
Longitude: W120° 32' 47.33"

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

In November 1999, one 500 gallon steel underground storage tank was removed from 2810 West Washington Avenue in Yakima. This tank was used to store heating oil for the main building at the Noland-Decoto facility at the Yakima Airport. PLSA Engineering and Surveying oversaw the removal of the tank and collected soil and water samples. Ken Leingang Excavating did the work.

This site is a collection of buildings used for the storage and maintenance of aircraft and has been such for over 30 years. Prior to tank removal, the tank basin had been paved over. Native soils at the site consist of silt overlying alluvial sand, gravel, and cobbles. Groundwater was encountered at 7 feet below ground surface. The groundwater hydraulic gradient is towards the southeast. To the north of the site is a mini-mart. The Airport is on all other sides of this site.

During the removal of the tank, visual and olfactory evidence of contamination was found. Samples of the soils in the tank basin were taken with results as high as 3,800 ppm diesel. 20 cubic yards of soil was excavated, stockpiled, then hauled to the Andersons PCS Rededication facility. Some contamination remains were it had seeped underneath the building. It is unknown how much contamination is beneath the building. The tank basin was then backfilled with clean fill and the excavation was paved over. There are exisiting monitoring wells around this site. Testing of wells found no evidence of petroleum contamination in the groundwater.

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):

PATHWAY SCORES:

Surface Water/Human Health: N/A ; Surface Water/Environ.: N/A ;

Air/Human Health: N/A ; Air/Environmental: N/A ;

Ground Water/Human Health: 28.1 .

OVERALL RANK: 5 .

WORKSHEET 2
ROUTE DOCUMENTATION

1. SURFACE WATER ROUTE

Surface water is not an available pathway. Not Applicable/Not Scored.

2. AIR ROUTE

Because of pavment at the site, the air route is not an available pathway. Not Applicable/Not Scored.

3. GROUND WATER ROUTE

List substances to be considered for scoring:

Diesel

Source: 1

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

Diesel (heating oil) remains in the soil beneath the building.

List management units to be considered in scoring:

Soil

Source: 1

Explain basis for choice of unit used in scoring.

The contamination is a result of a leaking underground storage tank.

WORKSHEET 4
SURFACE WATER ROUTE

Not Aplicable/Not Scored

WORKSHEET 5
AIR ROUTE

Not Aplicable/Not Scored

WORKSHEET 6
GROUND WATER ROUTE

1.0 SUBSTANCE CHARACTERISTICS

1.1 Human Toxicity

Substance	Drinking Water Standard (ug/l)	Val.	Acute Toxicity (mg/kg-bw)	Val.	Chronic Toxicity (mg/kg/day)	Val.	Carcino-genicity WOE	PF*	Val.
diesel	*20*	*6*	*490*	*5*	*.004*	*5*	-		-

*Potency Factor

Source: 1
Highest Value: 6
+2 Bonus Points? 0
Final Toxicity Value: 6

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

Cations/Anions — Source — **Value:**

OR

Solubility(mg/l) 3.0 E +1 — Source: 2 — **Value: 1**

1.3 Substance Quantity unknown — Source: 1 — **Value: 1**

Explain basis: The quantity of contamination beneath the building is unknown. It was decided to default to a value of 1 (as per the warm scoring manual).

2.0 MIGRATION POTENTIAL

2.1 Containment — Source: 1 — **Value: 9**

Explain basis:

1. no liner (3); 2. low permeability cover (1); 3. no leachate collection system (2); 4. liquids (3) = total points (9)

2.2 Net Precipitation: 1.7 inches — Source: 3 — **Value: 1**

2.3	Subsurface Hydraulic Conductivity:	$>10^{-3}$	Source: 1	**Value: 4**
2.4	Vertical Depth to Ground Water:	7 feet	Source: 1	**Value: 8**

3.0 TARGETS

3.1	Ground Water Usage:	Public supply, but alternate sources available with minimum hookup requirements	Source: 5	**Value: 4**
3.2	Distance to Nearest Drinking Water Well:	3800 feet	Source: 5	**Value: 2**
3.3	Population Served within 2 Miles:	$(1000)^{-2} = 31$	Source: 6	**Value: 31**
3.4	Area Irrigated by (Groundwater) Wells within 2 miles:	$.75(4274)^{-2} = 49$	Source: 4	**Value: 49**

4.0 RELEASE

Explain basis for scoring a release to ground water: Source: 1 **Value: 0**

No release to ground water was scored because no evidence of heating oil contamination was found in the monitoring wells.

SOURCES USED IN SCORING

1 *Site Assessment Engineering Report, Underground Storage Tank Removal, Noland-Decoto Flying Service, 2810 West Washington Avenue, Yakima, Washington, March 2000*

2. *Toxicology Database for Use in Washington Ranking Method Scoring, January 1992*

3. *Washington Climate for Grant, Kittitas, Klickitat, and Yakima Counties, May 1979*

4. *Water Rights Application Tracking System.*

5. *Yakima County GIS System*

6. *1990 Census Data*