

HW-3-5313

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This document consists of  
22 Pages No. 1

February 18, 1947...  
attachments incorporated  
as pg. 5 + 4.

VEGETATION CONTAMINATION ON WAHLUKE SLOPE  
AND GRAYING DISTRICTS IN FEBRUARY, 1947

The following tables and maps illustrate the present contamination levels for regions adjacent to the Hanford Engineer Works. Table 1 gives the average values for iodine on vegetation at several inhabited regions near the reservation, and at Hanford. Figure one illustrates contamination levels obtained on surveys of distant points since Jan. 23, 1947. A trend of contamination spread toward the northeast is still noted although this may be due to the large number of points taken in this region. Figure two gives the results of a survey taken during the week starting 2/10/47. Each point in these two maps represents one sample collected by the Military Intelligence group and processed in the Health Instrument Laboratory.

[REDACTED]

L. D. Turner  
L. D. Turner

S. W. Healy  
S. W. Healy

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Page 1054-10-15

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TABLE 1

Vegetation contamination at Inhabited Localities  
Near Hanford Engineer Works for the Months of January  
and February, 1947

Location	January	February
	$\mu\text{c/kg}$	
Richland	0.43	0.13
Benton City	0.46	0.14
Pasco	0.22	0.09
Kennewick	0.18	0.13
Hanford	0.35	0.60
Richland Y	0.26	0.08

The tolerable concentration is considered to be  $0.2 \mu\text{c/kg}$

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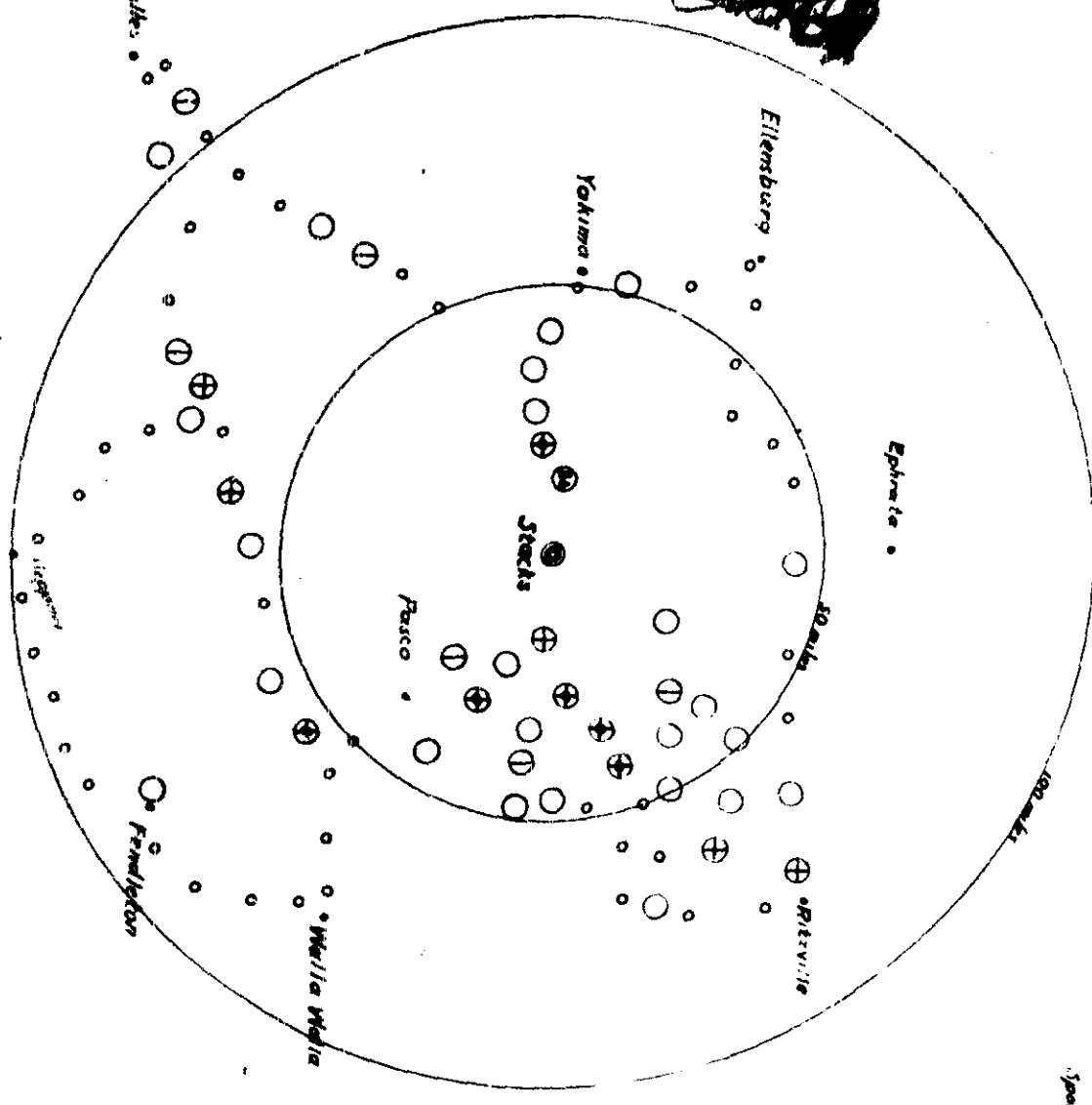
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Extent of Vegetation  
CONTAMINATION

for the period Jan 23 to Feb 6, 1947



CODE
○ 0 to .09 mil/y
⊖ 0.1 to .09 mil/y
⊕ 10 to .19 mil/y
⊕ 15 to .19 mil/y
⊕ 20 to .30 mil/y
⊕ Other values as noted in mil/y

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CODE	
○	0 to 100 yds
⊙	101 to 200 yds
⊕	201 to 300 yds
⊗	301 to 400 yds
⊛	401 to 500 yds
⊜	501 to 600 yds
⊝	601 to 700 yds
⊞	701 to 800 yds
⊠	801 to 900 yds
⊡	901 to 1000 yds
⊢	1001 to 1100 yds
⊣	1101 to 1200 yds
⊤	1201 to 1300 yds
⊥	1301 to 1400 yds
⊦	1401 to 1500 yds
⊧	1501 to 1600 yds
⊨	1601 to 1700 yds
⊩	1701 to 1800 yds
⊪	1801 to 1900 yds
⊫	1901 to 2000 yds
⊬	2001 to 2100 yds
⊭	2101 to 2200 yds
⊮	2201 to 2300 yds
⊯	2301 to 2400 yds
⊰	2401 to 2500 yds
⊱	2501 to 2600 yds
⊲	2601 to 2700 yds
⊳	2701 to 2800 yds
⊴	2801 to 2900 yds
⊵	2901 to 3000 yds
⊶	3001 to 3100 yds
⊷	3101 to 3200 yds
⊸	3201 to 3300 yds
⊹	3301 to 3400 yds
⊺	3401 to 3500 yds
⊻	3501 to 3600 yds
⊼	3601 to 3700 yds
⊽	3701 to 3800 yds
⊾	3801 to 3900 yds
⊿	3901 to 4000 yds
⊠	4001 to 4100 yds
⊡	4101 to 4200 yds
⊢	4201 to 4300 yds
⊣	4301 to 4400 yds
⊤	4401 to 4500 yds
⊥	4501 to 4600 yds
⊦	4601 to 4700 yds
⊧	4701 to 4800 yds
⊨	4801 to 4900 yds
⊩	4901 to 5000 yds
⊪	5001 to 5100 yds
⊫	5101 to 5200 yds
⊬	5201 to 5300 yds
⊭	5301 to 5400 yds
⊮	5401 to 5500 yds
⊯	5501 to 5600 yds
⊰	5601 to 5700 yds
⊱	5701 to 5800 yds
⊲	5801 to 5900 yds
⊳	5901 to 6000 yds
⊴	6001 to 6100 yds
⊵	6101 to 6200 yds
⊶	6201 to 6300 yds
⊷	6301 to 6400 yds
⊸	6401 to 6500 yds
⊹	6501 to 6600 yds
⊺	6601 to 6700 yds
⊻	6701 to 6800 yds
⊼	6801 to 6900 yds
⊽	6901 to 7000 yds
⊾	7001 to 7100 yds
⊿	7101 to 7200 yds
⊠	7201 to 7300 yds
⊡	7301 to 7400 yds
⊢	7401 to 7500 yds
⊣	7501 to 7600 yds
⊤	7601 to 7700 yds
⊥	7701 to 7800 yds
⊦	7801 to 7900 yds
⊧	7901 to 8000 yds
⊨	8001 to 8100 yds
⊩	8101 to 8200 yds
⊪	8201 to 8300 yds
⊫	8301 to 8400 yds
⊬	8401 to 8500 yds
⊭	8501 to 8600 yds
⊮	8601 to 8700 yds
⊯	8701 to 8800 yds
⊰	8801 to 8900 yds
⊱	8901 to 9000 yds
⊲	9001 to 9100 yds
⊳	9101 to 9200 yds
⊴	9201 to 9300 yds
⊵	9301 to 9400 yds
⊶	9401 to 9500 yds
⊷	9501 to 9600 yds
⊸	9601 to 9700 yds
⊹	9701 to 9800 yds
⊺	9801 to 9900 yds
⊻	9901 to 10000 yds

5 MILES

Extent of Inspection Contamination  
Wahluke Plateau Survey  
for the period Feb 12 to 17, 1947

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