

**Rhoades Unit 5-4  
Analytical Results Summary  
Williford Energy Company**

**Hydrocarbon and Organic Compounds in Soils (using Groundwater Soil Screening Level Concentrations)**

Sample Date	Sampled By	Soil Sample	Lab ID	Location	Sample Depth (inches)	GRO (mg/kg)	DRO (mg/kg)	ORO (mg/kg)	TPH (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Xylene (mg/kg)	1,2,4-Tri methyl benzene (mg/kg)	1,3,5-Tri methyl benzene (mg/kg)	Naphthalene (mg/kg)
---	---	<b>Table 915</b>	---	---	---	---	---	---	<b>500</b>	<b>0.0026</b>	<b>0.69</b>	<b>0.78</b>	<b>9.9</b>	<b>0.0081</b>	<b>0.0087</b>	<b>0.0038</b>
3/8/2025	Lesair	RU54-1a	2503133-01	~30' W of WH	~10"	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3/8/2025	Lesair	RU54-2a	2503133-02	Wellhead	~24"	ND	680	200	<b>880</b>	ND	ND	ND	ND	<b>0.0140</b>	0.0065	<b>0.0150</b>
3/8/2025	Lesair	RU54-3a	2503133-03	~30' S of WH	~8"	ND	620	140	<b>760</b>	ND	ND	ND	ND	ND	ND	ND
3/8/2025	Lesair	RU54-4a	2503133-04	~30' N of WH	~12"	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:

**Soil Suitability for Reclamation Results**

Sample Date	Sampled By	Soil Sample	Lab ID	Location	Sample Depth (inches)	Sodium Adsorption Ratio (SAR)	Specific Conductance (EC) (mmhos/cm)	% Solids	Boron (mg/l)	pH
---	---	<b>Table 915</b>	---	---	---	<b>&lt;6</b>	<b>&lt;4</b>	---	<b>2</b>	<b>6-8.3</b>
3/8/2025	Lesair	RU54-1a	2503133-01	~30' W of WH	~10"	2.43	0.75	87.7	ND	6.99
3/8/2025	Lesair	RU54-2a	2503133-02	Wellhead	~24"	<b>8.73</b>	2.87	86.7	ND	8.22
3/8/2025	Lesair	RU54-3a	2503133-03	~30' S of WH	~8"	1.85	2.00	96.7	ND	6.86
3/8/2025	Lesair	RU54-4a	2503133-04	~30' N of WH	~12"	0.57	0.60	92.6	ND	6.95

NOTES:

**Metals in Soils (using Groundwater Soil Screening Level Concentrations)**

Sample Date	Sampled By	Soil Sample	Lab ID	Location	Sample Depth (inches)	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (kg/mg)	Lead (kg/mg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)
---	---	<b>Table 915</b>	---	---	---	<b>0.29</b>	<b>82</b>	<b>0.38</b>	<b>0.00067</b>	<b>46</b>	<b>14</b>	<b>26</b>	<b>0.26</b>	<b>0.8</b>	<b>370</b>

NOTES: