

WATER WELL PLUGGING RECORD Form WWC-5P

KSA 82a-1212 ID NO.

MW-18

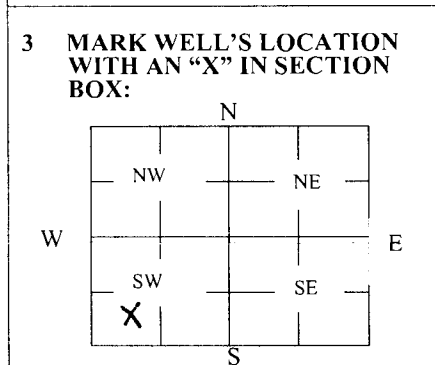
1 LOCATION OF WATER WELL: County: Miami	Fraction ¼ SW ¼ SW ¼ SW ¼	Section Number 11	Township Number T 18 S	Range Number 22 <input checked="" type="checkbox"/> E <input type="checkbox"/> W
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Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here **≈ 1100 Feet NW of Kelly Ave. & 6th St.**

Global Positioning Systems (GPS) information:
 Latitude: **38.493654** (in decimal degrees)
 Longitude: **-94.951648** (in decimal degrees)
 Elevation: _____
 Horizontal Datum: WGS84, NAD83, NAD27
 Collection Method: _____

2 WATER WELL OWNER: Union Pacific Railroad
 RR#, St. Address, Box #: 1400 Douglas Street
 City, State ZIP Code: Omaha, NE 68179

GPS unit (Make/Model: **Garmin etrek 10**)
 Digital Map/Photo, Topographic Map, Land Survey
 Est. Accuracy: < 3 m, 3-5 m, 5-15 m, > 15 m



4 DEPTH OF WELL 12 ft.
 WELL'S STATIC WATER LEVEL _____ ft.
 WELL WAS USED AS:

<input type="checkbox"/> Domestic	<input type="checkbox"/> Public Water Supply	<input type="checkbox"/> Dewatering
<input type="checkbox"/> Irrigation	<input type="checkbox"/> Oil Field Water Supply	<input checked="" type="checkbox"/> Monitoring MW-18
<input type="checkbox"/> Feedlot	<input type="checkbox"/> Domestic (Lawn & Garden)	<input type="checkbox"/> Injection Well
<input type="checkbox"/> Industrial	<input type="checkbox"/> Air Conditioning	<input type="checkbox"/> Other _____

Was a chemical/bacteriological sample submitted to Department? Yes No

5 TYPE OF BLANK CASING USED:

<input type="checkbox"/> Steel	<input type="checkbox"/> RMP (SR)	<input type="checkbox"/> Wrought	<input type="checkbox"/> Fiberglass	<input type="checkbox"/> Other (Specify below)
<input checked="" type="checkbox"/> PVC	<input type="checkbox"/> ABS	<input type="checkbox"/> Asbestos-Cement	<input type="checkbox"/> Concrete Tile	_____

Blank casing diameter 1 in. Was casing pulled? Yes No If yes, how much all
 Casing height above or below land surface 30 in.

6 GROUT PLUG MATERIAL: Neat cement Cement grout Bentonite Other top soil

Grout Plug Intervals: From 0 ft. to 3 ft., From 3 ft. to 12 ft., From — ft. to — ft.

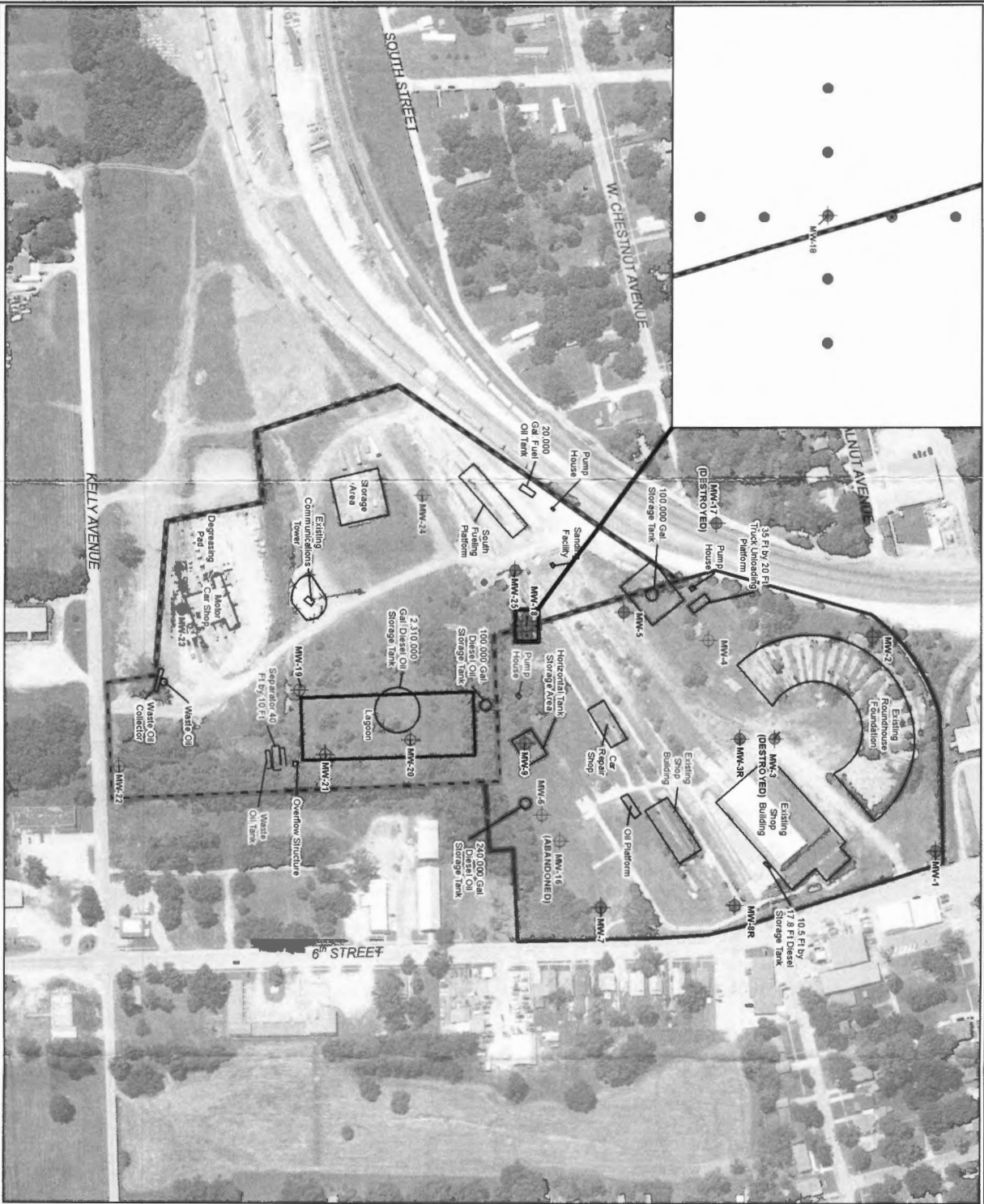
What is the nearest source of possible contamination:

<input type="checkbox"/> Septic tank	<input type="checkbox"/> Seepage pit	<input type="checkbox"/> Fuel storage	<input checked="" type="checkbox"/> Other (specify below)
<input type="checkbox"/> Sewer lines	<input type="checkbox"/> Pit privy	<input type="checkbox"/> Fertilizer storage	<u>Railroad yard</u>
<input type="checkbox"/> Watertight sewer lines	<input type="checkbox"/> Sewage lagoon	<input type="checkbox"/> Insecticide storage	
<input type="checkbox"/> Lateral lines	<input type="checkbox"/> Feedyard	<input type="checkbox"/> Abandoned water well	Direction from well? <u>NW</u>
<input type="checkbox"/> Cess pool	<input type="checkbox"/> Livestock pens	<input type="checkbox"/> Oil well/Gas well	How many feet? <u><100 feet</u>

FROM	TO	PLUGGING MATERIALS	FROM	TO	PLUGGING MATERIALS
0	3	Top Soil			
3	12	Bentonite			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was plugged under my jurisdiction and was completed on (mo/day/year) 07/30/2018 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 710. This Water Well Record was completed on (mo/day/year) 07/31/2018 under the business name of Below Ground Surface, Inc. by (signature) _____

CITY (DEN-TECH) DIV (GROUP) (ENV) (GIS) DB (LDR) (LD) PIC (FM) TM
PROJECT: PATH 2 (GIS) Projects_ENV\Union_Pa\dc\Former_FuelingFac\MW\2017F-1_Proposed Borings at MW 18.mxd



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**WORK PLAN FOR DIRECT-PUSH INVESTIGATION
IN VICINITY OF MW-18 - MP YARD PARCEL**

FORMER MP YARD/FUELING FACILITY AND SHOP
OSAWATOMIE, KANSAS

FIGURE 1

LEGEND:

- MONITORING WELL
- PROPOSED STEP-OUT DIRECT-PUSH BORING (10-15 FOOT INTERVAL)
- DRAINAGE DITCH
- DRAINAGE DITCH FLOW DIRECTION
- - - INTERMITTENT SECTION OF DRAINAGE DITCH
- X X X FENCE
- SITE FEATURES
- FORMER MP YARD VOLUNTARY CLEANUP PROGRAM BOUNDARY
- FORMER FUELING FACILITY AND SHOP VOLUNTARY CLEANUP PROGRAM BOUNDARY

0 15 30
INSET SCALE IN FEET

0 200 400
SCALE IN FEET