

**WATER WELL RECORD Form WWC-5**

Division of Water Resources App. No.

Well ID

Original Record  Correction  Change in Well Use

<b>1 LOCATION OF WATER WELL:</b>		Fraction				Section Number		Township Number		Range Number	
County:		<input type="checkbox"/> 1/4	<input type="checkbox"/> 1/4	<input type="checkbox"/> 1/4	<input type="checkbox"/> 1/4			T            S		R <input type="checkbox"/> E <input type="checkbox"/> W	

<b>2 WELL OWNER:</b> Last Name: _____ First: _____	Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): If at owner's address, check here: <input type="checkbox"/>
Business: _____	
Address: _____	
Address: _____	
City: _____ State: _____ ZIP: _____	

<b>3 LOCATE WELL WITH "X" IN SECTION BOX:</b> N <table border="1" style="width:100px; height:100px; text-align:center; border-collapse: collapse;"> <tr><td> </td><td> </td><td> </td></tr> <tr><td>-- NW --</td><td>-- NE --</td><td> </td></tr> <tr><td>W  </td><td> </td><td>E</td></tr> <tr><td>-- SW --</td><td>-- SE --</td><td> </td></tr> <tr><td> </td><td>X</td><td> </td></tr> <tr><td> </td><td>S</td><td> </td></tr> </table>  -----1 mile-----				-- NW --	-- NE --		W		E	-- SW --	-- SE --			X			S		<b>4 DEPTH OF COMPLETED WELL:</b> ..... ft. Depth(s) Groundwater Encountered: 1) ..... ft. 2) ..... ft. 3) ..... ft., or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: ..... ft. <input type="checkbox"/> below land surface, measured on (mo-day-yr)..... <input type="checkbox"/> above land surface, measured on (mo-day-yr)..... Pump test data: Well water was ..... ft. after..... hours pumping ..... gpm Well water was ..... ft. after..... hours pumping ..... gpm Estimated Yield: .....gpm Bore Hole Diameter: ..... in. to ..... ft. and ..... in. to ..... ft.	<b>5 Latitude:</b> .....(decimal degrees) <b>Longitude:</b> .....(decimal degrees) Datum: <input type="checkbox"/> WGS 84 <input type="checkbox"/> NAD 83 <input type="checkbox"/> NAD 27 Source for Latitude/Longitude: <input type="checkbox"/> GPS (unit make/model: .....) (WAAS enabled? <input type="checkbox"/> Yes <input type="checkbox"/> No) <input type="checkbox"/> Land Survey <input type="checkbox"/> Topographic Map <input type="checkbox"/> Online Mapper: .....
-- NW --	-- NE --																			
W		E																		
-- SW --	-- SE --																			
	X																			
	S																			
<b>6 Elevation:</b> .....ft. <input type="checkbox"/> Ground Level <input type="checkbox"/> TOC Source: <input type="checkbox"/> Land Survey <input type="checkbox"/> GPS <input type="checkbox"/> Topographic Map <input type="checkbox"/> Other .....																				

**7 WELL WATER TO BE USED AS:**

1. Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock	2. <input type="checkbox"/> Irrigation	3. <input type="checkbox"/> Feedlot	4. <input type="checkbox"/> Industrial	5. <input type="checkbox"/> Public Water Supply: well ID .....	6. <input type="checkbox"/> Dewatering: how many wells? .....	7. <input type="checkbox"/> Aquifer Recharge: well ID .....	8. <input type="checkbox"/> Monitoring: well ID .....	9. Environmental Remediation: well ID .....	<input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction	<input type="checkbox"/> Recovery <input type="checkbox"/> Injection	10. <input type="checkbox"/> Oil Field Water Supply: lease .....	11. Test Hole: well ID .....	<input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical	12. Geothermal: how many bores? .....	a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water	13. <input type="checkbox"/> Other (specify): .....
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Was a chemical/bacteriological sample submitted to KDHE?  Yes  No If yes, date sample was submitted: .....

Water well disinfected?  Yes  No

**8 TYPE OF CASING USED:**  Steel  PVC  Other ..... CASING JOINTS:  Glued  Clamped  Welded  Threaded

Casing diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft.  
Casing height above land surface ..... in. Weight ..... lbs./ft. Wall thickness or gauge No. ....

TYPE OF SCREEN OR PERFORATION MATERIAL:  
 Steel  Stainless Steel  PVC  Other (Specify) .....  
 Brass  Galvanized Steel  None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:  
 Continuous Slot  Mill Slot  Gauze Wrapped  Torch Cut  Drilled Holes  Other (Specify) .....  
 Louvered Shutter  Key Punched  Wire Wrapped  Saw Cut  None (Open Hole)

SCREEN-PERFORATED INTERVALS: From ..... ft. to ..... ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

GRAVEL PACK INTERVALS: From ..... ft. to ..... ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

**9 GROUT MATERIAL:**  Neat cement  Cement grout  Bentonite  Other .....

Grout Intervals: From ..... ft. to ..... ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

**Nearest source of possible contamination:** No potential source of contamination within 200 ft.

<input type="checkbox"/> Septic Tank	<input type="checkbox"/> Lateral Lines	<input type="checkbox"/> Pit Privy	<input type="checkbox"/> Livestock Pens	<input type="checkbox"/> Insecticide Storage
<input type="checkbox"/> Sewer Lines	<input type="checkbox"/> Cess Pool	<input type="checkbox"/> Sewage Lagoon	<input type="checkbox"/> Fuel Storage	<input type="checkbox"/> Abandoned Water Well
<input type="checkbox"/> Watertight Sewer Lines	<input type="checkbox"/> Seepage Pit	<input type="checkbox"/> Feedyard	<input type="checkbox"/> Fertilizer Storage	<input type="checkbox"/> Oil Well/Gas Well
<input type="checkbox"/> Other (Specify) .....				

Direction from well? ..... Distance from well? ..... ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS

**Notes:** .....

**11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:** This water well was  constructed,  reconstructed, or  plugged under my jurisdiction and was completed on (mo-day-year) ..... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. .... This Water Well Record was completed on (mo-day-year) ..... under the business name of .....

# FULL SITE SURVEY

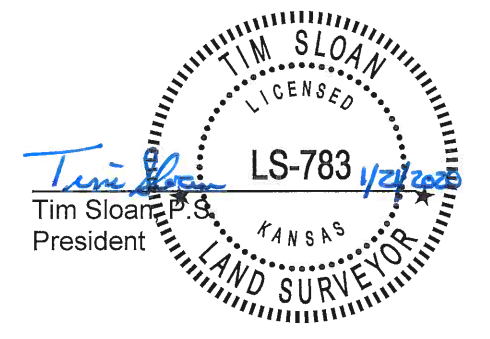
City of Aurora  
City of Aurora, Cloud County, Kansas

Point	North Coordinate	East Coordinate	Distance From SE Cor. Sec. 10		* Elev. Top of Rim or PK Nail	Elev. Top of PVC Pipe	Latitude North	Longitude West
			North	West				
SE Cor. Sec. 10-T7S-R2w	20000	20000						
Well - M.W. - 1	20072.27	16597.68	72.27	3402.32	1499.53	1499.28	39.45221	97.52975
Well - M.W. - 2	20077.31	16530.58	77.31	3469.42	1502.74	1502.54	39.45222	97.52998
Well - M.W. - 3	20122.89	16545.12	122.89	3454.88	1502.26	1501.94	39.45235	97.52993
Well - M.W. - 4	20184.76	16586.49	184.76	3413.51	1502.50	1502.09	39.45252	97.52978
Well - M.W. - 5	20077.77	16659.60	77.77	3340.40	1497.27	1496.85	39.45222	97.52953
Well - M.W. - 6	20024.81	16775.01	24.81	3224.99	1493.97	1493.79	39.45208	97.52912
Well - M.W. - 7	19964.14	16612.19	35.86 S	3387.81	1499.27	1498.87	39.45191	97.52970
Well - M.W. - 8	20186.79	16649.02	186.79	3350.98	1500.06	1499.26	39.45252	97.52956
Well - M.W. - 9	19976.14	16466.57	23.86 S	3533.43	1502.01	1501.79	39.45195	97.53021
Well - M.W. - 10	20185.48	16532.34	185.48	3467.66	1503.24	1502.85	39.45252	97.52997
Well - M.W. - 11	20170.87	16737.68	170.87	3262.32	1595.89	1595.64	39.45248	97.52925
Well - A.S. - 1	20099.43	16588.56	99.43	3411.44	1500.85	1500.58	39.45228	97.52978
Well - A.S. - 2	20113.42	16582.83	113.42	3417.17	1501.20	1500.76	39.45232	97.52980
Well - S.V.E. - 1	20087.05	16598.49	87.05	3401.51	1499.91	1499.64	39.45225	97.52974
Well - S.V.E. - 2	20097.35	16598.23	97.35	3401.77	1500.28	1499.98	39.45223	97.52981
Well - S.V.E. - 3	20079.27	16580.10	79.27	3419.90	1500.76	1500.49	39.45223	97.52981
Well - S.V.E. - 4	20116.81	16597.96	116.81	3402.04	1500.62	1500.35	39.45233	97.52974
Site B.M.	20079.77	16543.29	79.77	3456.71		B.M. Elev. = 1502.07		

Description: "□" cut on southwest corner of pump pad.

## LEGEND

- SITE BENCHMARK
- POWER POLE
- POWER POLE W/ ELECTRIC METER & UNDERGROUND ELECTRIC
- BRACE POLE
- DEADMAN ANCHOR
- LIGHT POLE
- TELEPHONE PEDESTAL
- TELEPHONE SPLICE BOX
- GAS METER
- GASLINE RISER
- WATER METER
- BOLLARD
- DRAINAGE DIRECTION
- MONITOR WELL
- AIR SPARGE WELL
- SOIL VAPOR EXTRACTION WELL
- E/E EDGE TO EDGE OF GRAVEL ROAD
- OE OVERHEAD ELECTRIC LINE
- E UNDERGROUND ELECTRIC LINE
- G GAS LINE
- T UNDERGROUND TELEPHONE LINE
- CENTERLINE TRAVELWAY
- 6' CHAIN LINK FENCE



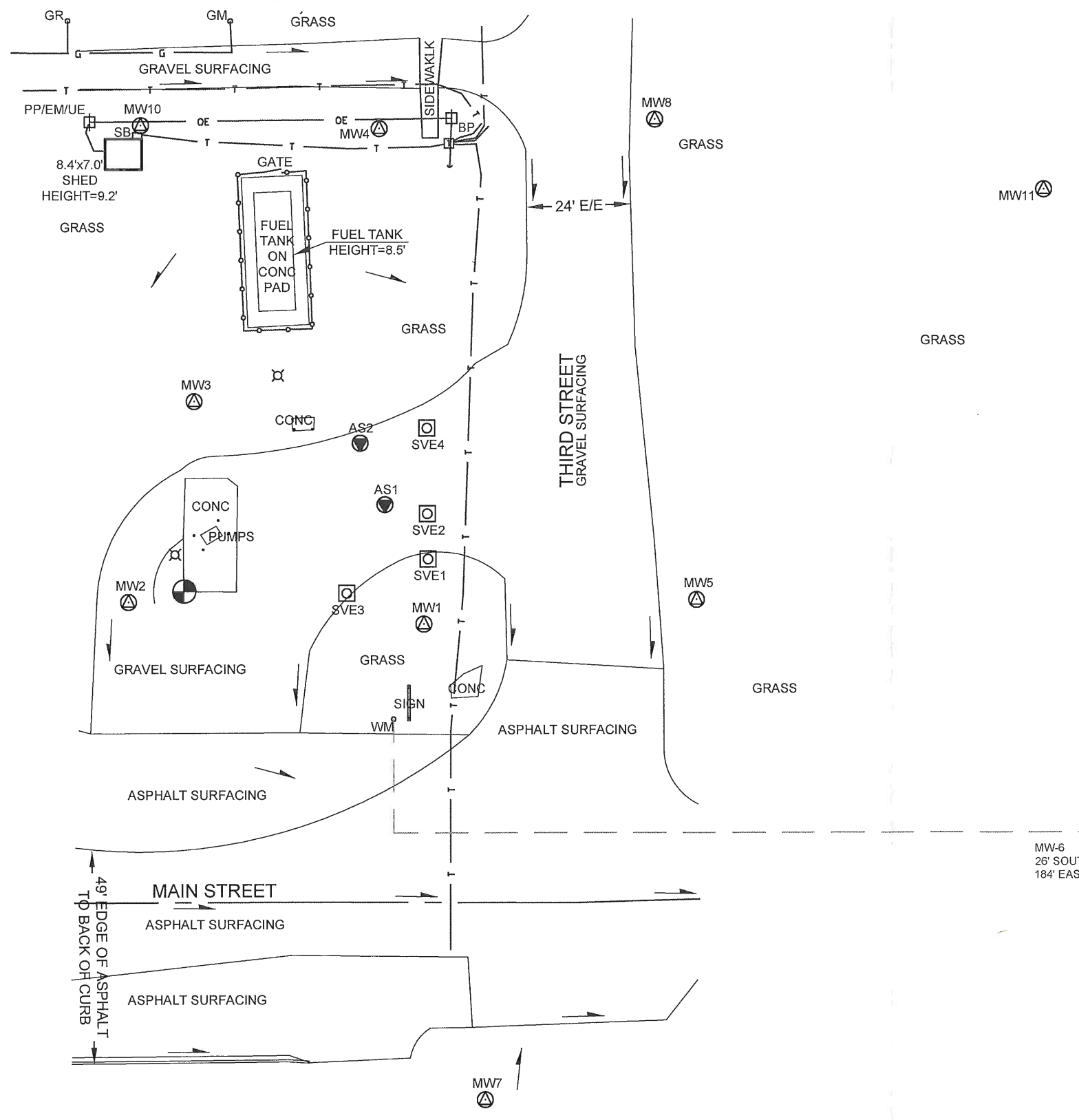
**SMH CONSULTANTS**

SCALE: 1"=50'

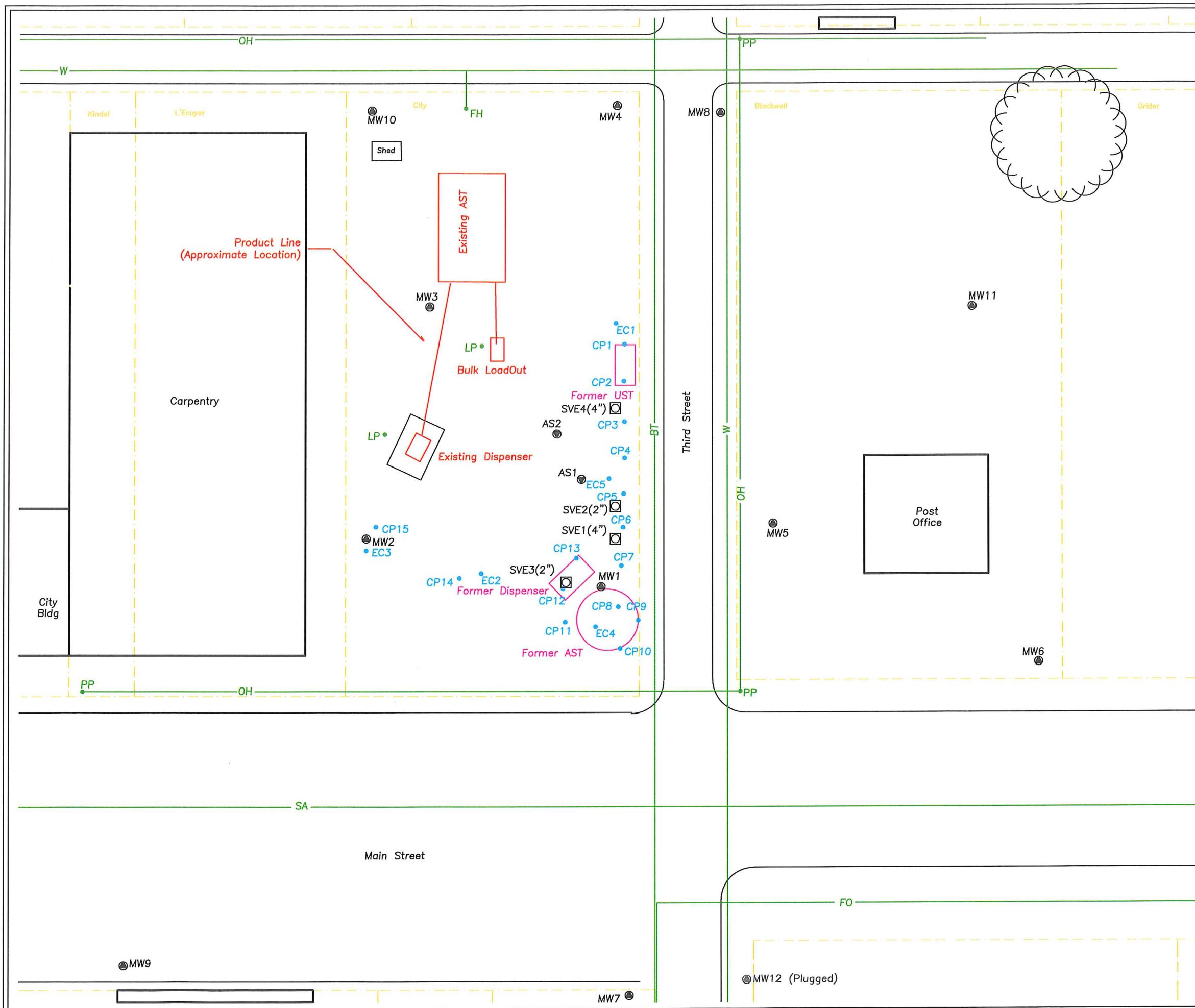
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Drawn By: DBA Project #1912MN1375 DD #117 TDS #79



MW9



**Legend**

- - Existing Monitoring Well Location  
MW1
- - CP1 - Continuous Probe Locations
- - EC1 - Electric Conductivity Probe Locations
- - Soil Vapor Extraction Wells  
SVE1
- - Air Sparge Wells  
AS1
- - Active AST or Dispenser Location
- - Historical AST/UST or Dispenser Location
- - Property Line
- Blackwell - Property Owner Name
- OH— - Overhead Power Line
- SA— - Sanitary Sewer Line (~4' deep)
- BT— - Buried Cable/Telephone Line (~3' deep)
- W— - Water Line (~4' deep)
- G— - Gas Line (~3' deep)
- BE— - Buried Electric Line (~2' deep)
- FO— - Fiber Optic Line (~3' deep)
- PP - Power Pole
- LP - Light Pole
- BP - Brace Pole
- EO - Electrical Outlet
- WM - Water Meter
- EM - Electrical Meter
- GV - Gate Valve
- SB - Steel Bollard
- TS - Traffic Signal Manhole
- SS - Sanitary Sewer
- FH - Fire Hydrant
- - Tree

Scale In Feet  
0 30 60

Site Detail Map  
 City of Aurora  
 Aurora, Kansas  
 KDHE Project: U5-015-13668  
 Remedial Design Report  
 CGP Project #19876K  
 Prepared By: MK Date: 12-24-2019  
 Reviewed By: MK Date: 12-24-2019  
 Figure 1.4  
 CGP, Inc. PO Box 23, Wahoo, NE 68066