

County: Cowley Fraction: SW SW NW NW Sec. 19 T 34 S R 4 E

**CORRECTION(S) TO WATER WELL COMPLETION RECORD Form WWC-5 (to rectify lacking or incorrect information)**

Owner: El Paso Remediation Company

MW 14

If location corrected, was listed as:

Location changed to:

Section-Township-Range: 19-34-3E

19-34-4E

Fraction (1/4 calls): \_\_\_\_\_

Other changes: Initial statements: \_\_\_\_\_

Changed to: \_\_\_\_\_

Comments: \_\_\_\_\_

Verification method: Per KGS mapper and lat/long on WWC5 and written directions on WWC5.

Initials: STH Date: 9-15-2020

Submitted by:  Kansas Geological Survey, Data Resources Library, 1930 Constant Avenue, Lawrence, KS 66047-3724

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

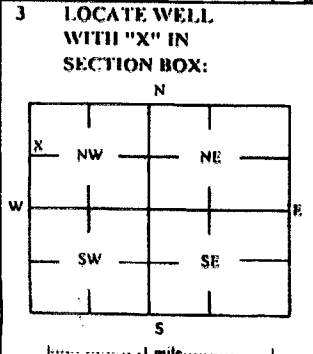
Well ID

MW14

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County Cowley Fraction SW 1/4 SW 1/4 NW 1/4 NW 1/4 Section Number 19 Township Number T 34 Range Number S R 3 E W

2 WELL OWNER: Last Name: Business: El Paso Remediation Company Address: 2 North Nevada Ave. City Colorado Springs State: CO ZIP: 80903 Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): ~240' E of 1705 N Summit, Arkansas City, KS



4 DEPTH OF COMPLETED WELL: 15 ft Depth(s) Groundwater Encountered: 1) ft 2) ft 3) ft or 4) Dry Well WELL'S STATIC WATER LEVEL: 8.91 ft

5 Latitude: 37.083056 (decimal degrees) Longitude: -97.039444 (decimal degrees) Horizontal Datum: WGS 84 NAD 83 NAD 27 Source for Latitude/Longitude: GPS (unit make/model): (WAAS enabled? Yes No) Land Survey Topographic Map Online Mapper

7 WELL WATER TO BE USED AS: 1 Domestic: Household Lawn & Garden Livestock Irrigation Feedlot Industrial 5 Public Water Supply: well ID 6 Dewatering: how many wells? 7 Aquifer Recharge: well ID 8 Monitoring: well ID MW14 9 Environmental Remediation: well ID Air Sparge Soil Vapor Extractor Recovery Injection 10 Oil Field Water Supply: lease 11 Test Hole: well ID Casced Uncased Geotechnical 12 Geothermal: How many bores? a) Closed Loop Horizontal Vertical b) Open Loop Surface Discharge Inj. of Water Other (specify):

Was a chemical/bacteriological sample submitted to KDHE? Yes No Water well disinfected? Yes No If yes, date sample was submitted:

8 TYPE OF CASING USED: Steel PVC Other CASING JOINTS: Glued Clamped Welded Threaded Casing diameter 2 in. to 5 ft. Diameter in. to ft. Diameter in. to ft. Casing height above land surface -0.36 in. Weight lbs./ft. Well thickness or gauge No TYPE OF SCREEN OR PERFORATION MATERIAL: Steel Stainless Steel Fiberglass PVC Brass Galvanized Steel Concrete tile 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 5 ft. to 15 ft. From ft. to ft. From ft. to ft. GRAVEL PACK INTERVALS: From 3 ft. to 15 ft. From ft. to ft. From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other Concrete: 0-1' Grout intervals: From 0.5 ft. to 3 ft. From ft. to ft. From ft. to ft.

Nearest source of possible contamination: Septic Tank Lateral Lines Pit Privy Livestock Pens Insecticide Storage Sewer Lines Cess Pool Sewage Lagoon Fuel Storage Abandoned Water Well Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well / Gas Well Other (Specify):

Direction from well? W-SW Distance from well? -40 ft

Table with columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows: 0-0.5 Concrete, 0.5-1 Sand, gravel, 1-8 Silty clay, 8-15 Sandy clay.

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) 4/22/20 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No 757 This Water Well Record was completed on (mo-day-year) 5/19/20 under the business name of Larsen & Associates, Inc. Signature

Notes: KDHE ID: Coastal Mart #9182; U2-018-11027 Target of monitoring well is shallow groundwater, <20' of grout was installed at the direction of KDHE.

DURR ENGINEERING LLC  
525 HOWARD  
HUTCHINSON, KS 67501  
620-663-9613  
4/30/2020

SURVEYING FOR MONITOR WELL MW 14  
COSTAL MART #9182  
ARKANSAS CITY, COWLEY COUNTY KANSAS

THE ABOVE WELL IS IN SECTION 19, TOWNSHIP 34 SOUTH, RANGE 3E OF  
THE 6<sup>TH</sup> PRINCIPAL MERIDIAN COWLEY COUNTY, KANSAS.

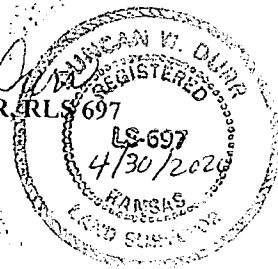
THE PREVIOUS SURVEY OF DECEMBER 29, 2015, RESET THE CONTROL  
POINT AS AN 'X' CUT ON NE CORNER OF SIGN BASE, AT SE CORNER OF  
PROPERTY, AND WAS USED TO ESTABLISH NORTHING EASTING AND  
ELEVATION OF WELL MV 14.

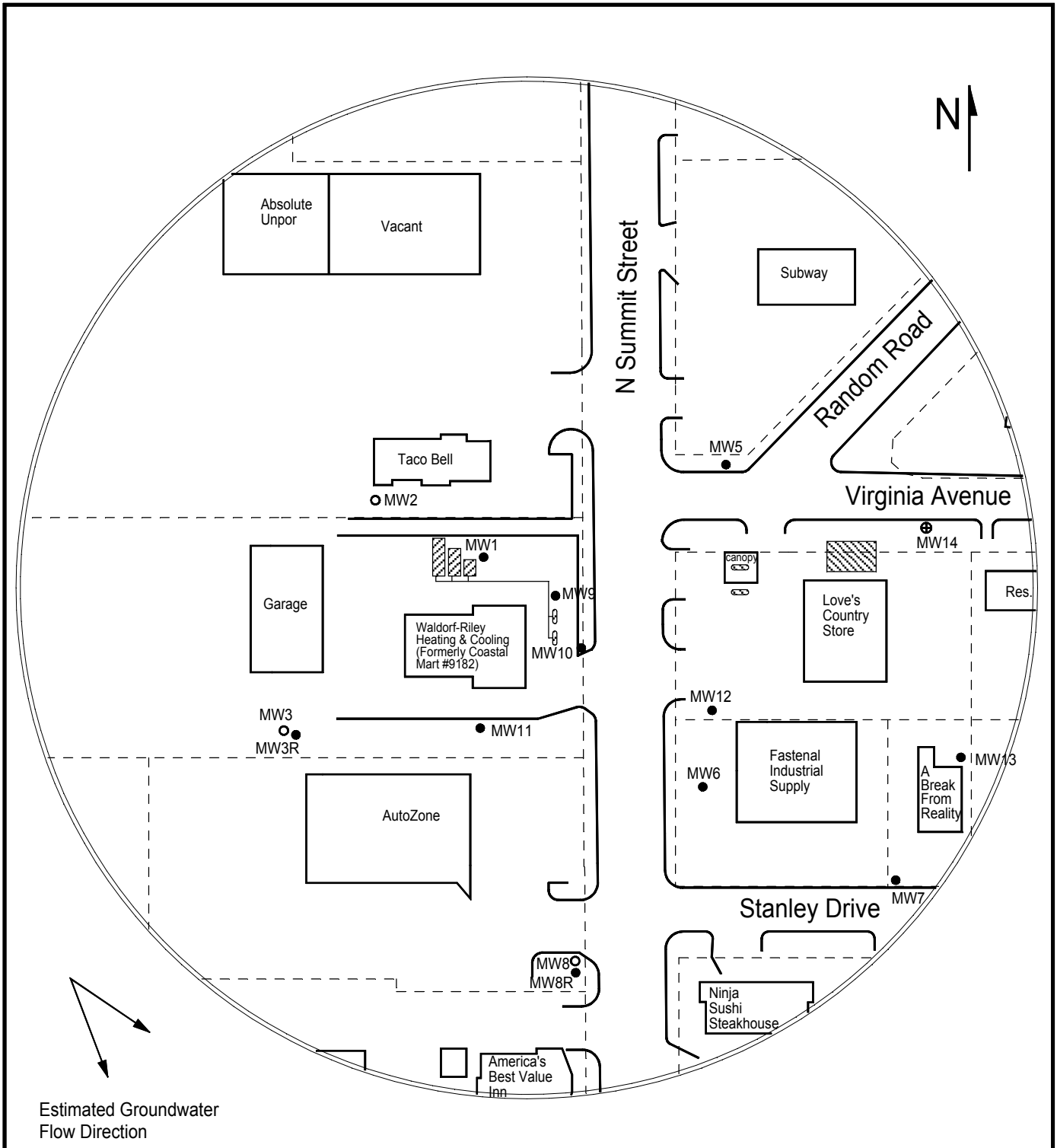
A GEOMAX ZENITH 25 GPS WAS USED TO SHOOT CONTROL AND WELL.

ID	NORTH	WEST	LATT	LONG	ELEVATION
CONTR PT	4269.84	46.58' WEST	37°04'57"	97°02'25"	1088.88'
MW 14	4399.85'	186.06' EAST	37°04'59"	97°02'22"	1087.12' RIM 1086.76' TOC

NOTE: MY LATT AND LONG DO NOT AGREE WITH TRITERRA LAND  
SERVICES. I AGREE WITH CALSON SURVEYING.

DUNCAN W DURR  
PROJECT 20002



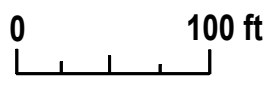


Estimated Groundwater Flow Direction

- LEGEND:**
- Approximate Location of Former UST Basin, Product Lines & Pump Islands
  - Approximate Location of Active UST Basin & Pump Islands
  - Approximate Location of Property Line
  - Existing Monitoring Well
  - Soil Boring SB1-SB8 (Drilled 9/30/19)
  - Soil Boring SB9-SB11 (Drilled 4/22/20)



**PROJECT:**  
 Coastal Mart #9182  
 1705 N Summit  
 Arkansas City, KS  
 KDHE ID: U2-018-11027  
 Date: 4/23/20



1311 E 25th St. Suite B 785-841-8707 office  
 Lawrence, KS 66046 785-865-4282 fax