The EWS #7 Injection Well Site Data Table includes the following information:

### Property Area
- Property Area: 35.5 Acres
- Project Area: 12.0 Acres
- Total Parking Spaces: 7
- Standard Parking Spaces: 6
- ADA Parking Space: 1

### Legal Description
- **Property Location:**
  - Description: 35.5 Acres of land.
  - **County:** Arapahoe, State of Colorado
  - **Township:** 5 South, Range 64 West of
  - 6th P.M.

### Specific Notes
- **All Lots in the Plan/Plat Are Dedicated for Specific Uses and Will Not Be Maintained by the County Until and Unless the Streets Are Constructed in Dedication.**
- The Owners, Developers, and/or Subdividers, their Successors and/or Assigns in Interest, the Adjacent Property Owner(s), Homeowner's Association or Other Entity Other Than Arapahoe County, Will Not Be Responsible for Maintenance and Upkeep of Any and All Drives, Parking Areas, and Easements, Phase III Drainage Report and Shown on the Approved Construction Drawings.

### Drainage Master Plan Note
- The policy of the County requires that all new developments, either current or in the future, shall be subject to the County's review and approval of the drainage master plan. The plan shall be designed and constructed in accordance with Arapahoe County Roadway Design and Construction Standards and Regulations.

### Street Maintenance
- All streets are subject to engineering standards and any and all in the future or plan route, construction, and/or service access streets. The Owners, Developers, and/or Subdividers, their Successors and/or Assigns in Interest, the Adjacent Property Owner(s), Homeowner's Association or Other Entity Other Than Arapahoe County is responsible for maintaining the specified storm water detention/retention volumes and maintaining outlet drives, parking areas, and utility easements maintenance.

### Street Improvement Note
- Dedication:
  - Characteristics:
    - Agreement:
    - Specific:
  - Dimensions:
  - Details:
  - Space:
  - Zones:

### Legal Description
- **Description:**
  - **Property:**
  - **Location:**
  - **County:** Arapahoe, State of Colorado
  - **Township:** 5 South, Range 64 West of
  - 6th P.M.
  - **Acreage:**

### Certification
- **Owner's Certification:**
  - **Affirmation:**
  - **Ownership:**

### Planning Commission Recommendation
- **Recommendation:**
  - **Date:**
  - **Chair:**
  - **Vice Chair:**
  - **Secretary:**

### Board of County Commissioners Approval
- **Approval:**
  - **Date:**
  - **Chair:**
  - **Vice Chair:**
  - **Secretary:**

### Summary
- The EWS #7 Injection Well Site Data Table provides detailed information about the property, including its legal description, specific notes, and certification by the owner or authorized agent of all individuals having ownership interest in the property.
EWS #7 INJECTION WELL
USE BY SPECIAL REVIEW

PART OF THE SE 1/4 OF SECTION 5 TOWNSHIP 5 SOUTH, RANGE 64 WEST OF
THE 6TH P.M. COUNTY OF ARAHAHOE, STATE OF COLORADO

SHEET 2

SITE DATA TABLE

| PROPERTY AREA | 35.0 ACRES |
| PROJECT AREA  | 18.0 ACRES |
| TOTAL PARKING SPACES | 7 |
| STANDARD PARKING SPACES | 6 |
| ADA PARKING SPACE | 1 |

TANK CONTAINMENT AREA
TRUCK UNLOAD PAD
WELL PAD
ACCESS ROAD

SHEET NUMBER
DATE: JUNE 15, 2018
CHECKED BY:
DRAWN BY:
SCALE: 1" = 60' EJW

ATTN: ZACH NEAL
9360 STATION STREET, SUITE 375
LONE TREE, CO 80124
PHONE: (720) 724-9344

ARAPAHOE COUNTY CASE NUMBER: UASI 18-001

PART OF THE SE 1/4 OF SECTION 5 TOWNSHIP 5 SOUTH, RANGE 64 WEST OF THE 6TH P.M. COUNTY OF ARAHAHOE, STATE OF COLORADO

ARAPAHOE COUNTY CASE NUMBER: UASI 18.001
EWS #7 INJECTION WELL
USE BY SPECIAL REVIEW

PART OF THE SE 1/4 OF SECTION 5 TOWNSHIP 5 SOUTH, RANGE 64 WEST OF THE 6TH P.M. COUNTY OF ARAPAHOE, STATE OF COLORADO

 SHEET 2.1

SITE DATA TABLE

<table>
<thead>
<tr>
<th>Property Area</th>
<th>35.0 Acres</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Area</td>
<td>18.0 Acres</td>
</tr>
<tr>
<td>Total Parking Spaces</td>
<td>7</td>
</tr>
<tr>
<td>Standard Parking Spaces</td>
<td>6</td>
</tr>
<tr>
<td>ADA Parking Space</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MINIMUM RESIDENTIAL</th>
<th>100'</th>
<th>500'</th>
</tr>
</thead>
<tbody>
<tr>
<td>MINS IRRIG. NON-RSIDENTIAL</td>
<td>200'</td>
<td>1000'</td>
</tr>
<tr>
<td>MINS NON RS. 50%</td>
<td>40'</td>
<td>200'</td>
</tr>
<tr>
<td>MINS RS. lot line setbacks</td>
<td>40'</td>
<td>200'</td>
</tr>
<tr>
<td>MINS DISTANCE BETWEEN STATIONS</td>
<td>400'</td>
<td>2000'</td>
</tr>
<tr>
<td>MINS FRONT SETBACK TO PROPER SURVEYED PROPERTY LINE</td>
<td>100'</td>
<td>500'</td>
</tr>
<tr>
<td>MINS MAXIMUM HEIGHT</td>
<td>40'</td>
<td>200'</td>
</tr>
<tr>
<td>MINS UNINTERRUPTED OPEN SPACE (SINGLE STORY)</td>
<td>20'</td>
<td>100'</td>
</tr>
<tr>
<td>MINIMUM FLOOR AREA</td>
<td>1/2</td>
<td>3/4</td>
</tr>
<tr>
<td>MINIMUM LOT WIDTH</td>
<td>1/2</td>
<td>3/4</td>
</tr>
</tbody>
</table>

SITE PLAN WITH TEMPORARY UNLOAD PAD 2.1

BENCHMARKS:

SOURCE BENCHMARK:
NGS U374
3.5" BRASS DISK, STAMPED "U374" LOCATED APPROXIMATELY 120 FEET NORTH OF EAST COUNTY ROAD 30 AND APPROXIMATELY 5890 FEET EAST OF THE CENTERLINE OF SOUTH WATKINS ROAD.

ELEVATION = 5982.20 (NAVD 88)

SITE BENCHMARK:
3.25" ALUMINUM CAP STAMPED "ARAPAHOE COUNTY, PL 11434" LOCATED APPROXIMATELY 115 FEET NORTH OF EAST COUNTY ROAD 30 AND APPROXIMATELY 7895 FEET EAST OF THE CENTERLINE OF SOUTH WATKINS ROAD.

ELEVATION = 5918.23

ARAPAHOE COUNTY CASE NUMBER: UASI 18-001
EWS #7 INJECTION WELL USE BY SPECIAL REVIEW

PART OF THE SE 1/4 OF SECTION 5 TOWNSHIP 5 SOUTH, RANGE 64 WEST OF THE 6TH P.M. COUNTY OF ARAPOHOE, STATE OF COLORADO

SHEET 3

GENERAL NOTES
1. SEE SHEETS L-2 & L-3 FOR PLANTING PLAN
2. SEE SHEET L-4 FOR MASTER PLANT LIST, NOTES & DETAILS

LANDSCAPING (1)

LANDSCAPE REQUIREMENT CALC.
TOTAL PROJECT AREA = 19.96 AC
REQUIRED PERCENTAGE OF LANDSCAPE IMPROVEMENT = 20% OF SITE
REQUIRED AREA OF LANDSCAPE IMPROVEMENT = 3.99 AC

1 TREE REQUIRED FOR 1,000 SQ FT
2.79 X 4.394 = 12.324 / 1,000 = 131 TREES

10 SHRUBS REQUIRED FOR 1,000 SQ FT
2.79 X 4.393 = 12.304 / 1,000 = 123 SHRUBS

NUMBER OF TREES REQUIRED = 131
NUMBER OF SHRUBS REQUIRED = 123

SUBSTITUTE 200 SHRUBS FOR 18 TREES

TREES PROVIDED = 141
SHRUBS PROVIDED = 1,610

ARAPAHOE COUNTY CASE NUMBER: VAS#1305

SHEET INDEX

OVERALL PLAN L-1
PLANTING PLAN L-2
PLANTING PLAN L-3
PLANT LIST, NOTES & DETAILS L-4
IRRIGATION SCHEDULE, LANDSCAPE NOTES & DETAILS R-1
IRRIGATION PLAN R-2
IRRIGATION DETAILS R-3

DRAWN BY: [signature]
DRAWN FOR: [signature]
DRAWN ON: [date]
REVISIONS: [date]
SCALE: [scale]
SHEET SIZE: [size]
# EWS #7 INJECTION WELL USE BY SPECIAL REVIEW

PART OF THE SE 1/4 OF SECTION 5 TOWNSHIP 5 SOUTH, RANGE 64 WEST OF THE 6TH P.M. COUNTY OF ARAFAHOE, STATE OF COLORADO

## LANDSCAPING (3)

### PLANT LIST

<table>
<thead>
<tr>
<th>TREES</th>
<th>COMMON NAME</th>
<th>BOTANICAL NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>🌧️</td>
<td>HONEY LOCUST</td>
<td>Gleditsia triacanthos</td>
</tr>
<tr>
<td>🌧️</td>
<td>ROCKY MOUNTAIN JUNIPER</td>
<td>Juniperus scopulorum</td>
</tr>
<tr>
<td>🌧️</td>
<td>PINON PINE</td>
<td>Pinus edulis</td>
</tr>
<tr>
<td>🌸</td>
<td>CHERNOCHERRY</td>
<td>Prunus cerasifera</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SHRUBS</th>
<th>COMMON NAME</th>
<th>BOTANICAL NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>🌟</td>
<td>PUFFER JUNIPER</td>
<td>Juniperus scopulorum</td>
</tr>
<tr>
<td>🌟</td>
<td>OAK LOW BUSH</td>
<td>Rhododendron viscosum</td>
</tr>
<tr>
<td>🌟</td>
<td>RABBITBRUSH</td>
<td>Chamaebatiaria millefolium</td>
</tr>
<tr>
<td>🌟</td>
<td>APACHE PLUME</td>
<td>Euphorbia × polychroma</td>
</tr>
<tr>
<td>🌟</td>
<td>CASPER LILAC</td>
<td>Syringa × chinensis</td>
</tr>
<tr>
<td>🌟</td>
<td>YUCCA</td>
<td>Yucca filamentosa</td>
</tr>
</tbody>
</table>

## GENERAL NOTES

1. SEE SHEET L-4 FOR LANDSCAPE CALCULATION
2. SEE SHEETS L-2 & L-3 FOR PLANTING PLAN
3. SEE SHEET L-4 FOR MASTER PLANT LIST, NOTES & DETAILS

## SHEET INDEX

- OVERALL PLAN L-1
- PLANTING PLAN L-2
- PLANTING PLAN L-3
- PLANT LIST, NOTES & DETAILS L-4
- IRRIGATION SCHEDULE, NOTES & DETAILS R-1
- IRRIGATION PLAN R-2
- IRRIGATION DETAILS R-3

---

ARAPAHOE COUNTY CASE NUMBER: UADG 18-001
EWS #7 INJECTION WELL
USE BY SPECIAL REVIEW

PART OF THE SE 1/4 OF SECTION 5 TOWNSHIP 5 SOUTH, RANGE 64 WEST OF THE 6TH P.M. COUNTY OF ARAHOE, STATE OF COLORADO

LANDSCAPING (4)

1. PLANTING - SHRUB
2. PLANTING - DECIDUOUS TREE
3. PLANTING - EVERGREEN TREE

GENERAL NOTES
1. SEE SHEET L-1 FOR LANDSCAPE CALCULATION
2. SEE SHEETS L-2 & L-3 FOR PLANTING PLAN

MASTER PLANT LIST

<table>
<thead>
<tr>
<th>TREES</th>
<th>SYM</th>
<th>%</th>
<th>QTY</th>
<th>COMMON NAME</th>
<th>BOTANICAL NAME</th>
<th>SIZE</th>
<th>COND</th>
</tr>
</thead>
<tbody>
<tr>
<td>🍃</td>
<td>30%</td>
<td>11</td>
<td>ENCLODUST</td>
<td>Abies balsamea</td>
<td>1&quot; CAL</td>
<td>SAB</td>
<td></td>
</tr>
<tr>
<td>🍃</td>
<td>25%</td>
<td>35</td>
<td>ROCKY MOUNTAIN JUNIPER</td>
<td>Juniperus scopulorum</td>
<td>8 HT</td>
<td>SAB</td>
<td></td>
</tr>
<tr>
<td>🍃</td>
<td>25%</td>
<td>46</td>
<td>PINE KNIFE</td>
<td>Pinus sylvestris</td>
<td>8 HT</td>
<td>SAB</td>
<td></td>
</tr>
<tr>
<td>🍃</td>
<td>15%</td>
<td>20</td>
<td>CHISEL JUNIPER</td>
<td>Juniperus communis</td>
<td>15 CAL</td>
<td>SAB</td>
<td></td>
</tr>
</tbody>
</table>

QUANTITIES BASED ON PERCENTAGE OF TOTAL TREE REQUIREMENT TOTAL = 141 TREES

SEED MIX

<table>
<thead>
<tr>
<th>SEED</th>
<th>PERCENTAGE</th>
<th>AMOUNT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

APPROXIMATE AREA MAY VARY DUE TO ACTUAL DISTURBANCE DURING CONSTRUCTION

SHRUBS

<table>
<thead>
<tr>
<th>SHRUBS</th>
<th>SYM</th>
<th>%</th>
<th>QTY</th>
<th>COMMON NAME</th>
<th>BOTANICAL NAME</th>
<th>SIZE</th>
<th>COND</th>
</tr>
</thead>
<tbody>
<tr>
<td>🌿</td>
<td>15%</td>
<td>193</td>
<td>FIDDLE JUNIPER</td>
<td>Juniperus communis</td>
<td>5 CAL</td>
<td>CONT</td>
<td></td>
</tr>
<tr>
<td>🌿</td>
<td>20%</td>
<td>293</td>
<td>DIL LIM BONAC</td>
<td>Picea engelmannii</td>
<td>6 RAL</td>
<td>CONT</td>
<td></td>
</tr>
<tr>
<td>🌿</td>
<td>20%</td>
<td>293</td>
<td>RABBIT BRUSH</td>
<td>Drimys winteri</td>
<td>5 CAL</td>
<td>CONT</td>
<td></td>
</tr>
<tr>
<td>🌿</td>
<td>20%</td>
<td>293</td>
<td>APACHE PLUME</td>
<td>Prosopis juliflora</td>
<td>5 CAL</td>
<td>CONT</td>
<td></td>
</tr>
<tr>
<td>🌿</td>
<td>4%</td>
<td>56</td>
<td>COXOON LEAF</td>
<td>Phyllostachys</td>
<td>5 CAL</td>
<td>CONT</td>
<td></td>
</tr>
<tr>
<td>🌿</td>
<td>7%</td>
<td>92</td>
<td>YUCCA</td>
<td>Yucca brevifolia</td>
<td>6 EAN</td>
<td>CONT</td>
<td></td>
</tr>
</tbody>
</table>

QUANTITIES BASED ON PERCENTAGE OF TOTAL SHRUB REQUIREMENT TOTAL = 1015 SHRUBS

ARAPAHOE COUNTY CASE NUMBER: XAG18-001

SHEET INDEX

OVERALL PLAN L-1
PLANTING PLAN L-2
PLANTING PLAN L-3
PLANT LIST, NOTES & DETAILS L-4
IRRIGATION SCHEDULE R-1
IRRIGATION PLAN R-2
IRRIGATION DETAILS R-3
**EWS #7 INJECTION WELL**

**USE BY SPECIAL REVIEW**

**PART OF THE SE 1/4 OF SECTION 5 TOWNSHIP 8 SOUTH, RANGE 64 WEST OF THE 6TH P.M. COUNTY OF ARAPAHOE, STATE OF COLORADO**

**SHEET 7**

**LANDSCAPING (5)**

---

**IRRIGATION SCHEDULE**

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>DESCRIPTION</th>
<th>MODEL NO.</th>
<th>SENIORITY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**IRRIGATION CONSTRUCTION NOTES**

1. **CONTROL VALVE SIZE**

   All valves and control piping have been sized by Consilium Design. The contractor is responsible for notifying HydroSystems*KDI of any discrepancies between the utility or planting plans and the irrigation plan. If the contractor fails to notify HydroSystems*KDI of any discrepancies between the utility or planting plans and the irrigation plan, the contractor shall make all costs and liabilities associated with these field changes. Refer to specifications for additional project requirements.

2. **STATIC PRESSURE**

   HydroSystems*KDI has assigned the pump that will service this site. All supply pressure to the irrigation system must be verified in accordance with the pump manufacturer's instructions. All pressure tests and results shall be provided to HydroSystems*KDI at construction based on HydroSystems*KDI’s requested pump pressure. All static pressure tests are to be performed for a 10-foot altitude.

3. **EXISTING WATER WELL**

   Refer to irrigation detail sheet for all well locations. The contractor is responsible for verifying pressure prior to commencing any construction and notifying HydroSystems*KDI of any variance from the stated pressure immediately. Written documentation of pressure test and results shall be provided to HydroSystems*KDI at construction onset. If the contractor fails to verify pressure and/or notify HydroSystems*KDI of any variations from this pressure, the contractor is responsible for all costs and liabilities associated with these field changes. Refer to specifications for additional project requirements.

4. **HUNTER WRF-CLIK RAIN SHUT-OFF DEVICE**

   Refer to irrigation detail sheet for all device locations. The contractor is responsible for verifying pressure prior to commencing any construction and notifying HydroSystems*KDI of any variance from the stated pressure immediately. Written documentation of pressure test and results shall be provided to HydroSystems*KDI at construction onset. If the contractor fails to verify pressure and/or notify HydroSystems*KDI of any variations from this pressure, the contractor is responsible for all costs and liabilities associated with these field changes. Refer to specifications for additional project requirements.

---

**BACKFLOW PREVENTER**

IN VAULT

**TRENCH**

24" TYPICAL

**IRRIGATION SLEEPING**

---

**REFER TO SHEET**

IR.1  **IRRIGATION NOTES & SCHEDULE**

IR.2  **IRRIGATION PLANS**

IR.01 & IR.3  **IRRIGATION DETAILS**

ARAPAHOE COUNTY CASE NUMBER: UAB 18.001
PART OF THE SE 1/4 OF SECTION 5 TOWNSHIP 5 SOUTH, RANGE 64 WEST OF
THE 6TH P.M. COUNTY OF ARAPAHOE, STATE OF COLORADO

ALL IMPROVEMENTS SHOWN ARE PRIVATE UNLESS OTHERWISE
NOTED. ARAPAHOE COUNTY SHALL NOT BE RESPONSIBLE FOR THE
MAINTENANCE OF ROADWAY AND APPURTENANT IMPROVEMENTS,
INCLUDING STORM DRAINAGE STRUCTURES AND PIPES

ARAPAHOE COUNTY CASE NUMBER: UASI 18-001
FACILITY SIGN DETAIL
Calculation Summary

<table>
<thead>
<tr>
<th>Label</th>
<th>CalcType</th>
<th>Units</th>
<th>Avg</th>
<th>Min</th>
<th>Avg/Min</th>
<th>Max/Min</th>
<th>PtSpcLr</th>
<th>PtSpcBb</th>
</tr>
</thead>
<tbody>
<tr>
<td>All CalcPts Extending Out To Zero Foot-Candles</td>
<td>Illuminance</td>
<td>Fc</td>
<td>1.71</td>
<td>16.7</td>
<td>N.A.</td>
<td>N.A.</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>StatArea - Area Right of Building Outlined In Red</td>
<td>Illuminance</td>
<td>Fc</td>
<td>5.55</td>
<td>9.4</td>
<td>2.3</td>
<td>2.41</td>
<td>4.09</td>
<td></td>
</tr>
<tr>
<td>StatArea - Parking Left Of Building Outlined In Blue</td>
<td>Illuminance</td>
<td>Fc</td>
<td>3.78</td>
<td>8.1</td>
<td>0.7</td>
<td>5.40</td>
<td>11.57</td>
<td></td>
</tr>
</tbody>
</table>

Luminaire Schedule

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Qty</th>
<th>Arrangement</th>
<th>Description</th>
<th>Lum. Lumens</th>
<th>Lum. Watts</th>
<th>Arr. Watts</th>
<th>Total Watts</th>
</tr>
</thead>
<tbody>
<tr>
<td>AA</td>
<td>8</td>
<td>SINGLE</td>
<td>VPL-64L-135-5K7-4</td>
<td>16864</td>
<td>0.900</td>
<td>137.6</td>
<td>1100.8</td>
</tr>
<tr>
<td>BB</td>
<td>2</td>
<td>BACK-BACK</td>
<td>VPL-64L-135-5K7-4</td>
<td>16864</td>
<td>0.900</td>
<td>137.6</td>
<td>275.2</td>
</tr>
<tr>
<td>DD</td>
<td>8</td>
<td>SINGLE</td>
<td>TRV-36NB-80-5K-T4</td>
<td>9256</td>
<td>0.900</td>
<td>83.8</td>
<td>670.4</td>
</tr>
</tbody>
</table>

ARAPAHOE COUNTY CASE NUMBER: UASI 18-001
EWS #7 INJECTION WELL
USE BY SPECIAL REVIEW

PART OF THE SE 1/4 OF SECTION 5 TOWNSHIP 5 SOUTH, RANGE 64 WEST OF
THE 6TH P.M. COUNTY OF ARAPAHOE, STATE OF COLORADO
SHEET 13

ARAPAHOE COUNTY CASE NUMBER: UASI 18-001