



Prevent • Promote • Protect

Environmental Health Division

1675 W. Garden of the Gods Rd., Suite 2044
Colorado Springs, CO 80907
(719) 578-3199 phone
(719) 575-8664 fax
www.elpasocountyhealth.org

ON-SITE WASTEWATER TREATMENT SYSTEM INSPECTION FORM

ON-SITE ID: ON0036560

APN # 5500000041

DATE: 12/15/2016



APPROVED YES NO

Environmental Health Specialist: Kat McGarvy

Address: 8495 Fontaine Blvd Colorado Springs CO 80925 Owner: Widefield Water and Sanitation

Residence: #Bedrooms: Number Commercial: System Installer: Chiddix Bros

SEPTIC TANK: Construction Material concrete

Capacity Gallon 1000 gallon tank, 1000 gal lift station w/ grinder pumps

SOIL TREATMENT AREA:

Trench: Depth (Range): ___ Width: 87' Total Length: 3' Sq. Ft.: 783'

Bed: Depth (Range): ___ Width: ___ Total Length: ___ Sq. Ft.: ___

Depth of Rock: ___ Under PVC: ___ Type of cover on Rock: ___

SEEPAGE PITS: # of Pits: ___ Working Depth #1: ___ #2: ___ Size (L x W) #1 ___ #2 ___ Total Sq. Ft. ___

CHAMBER SYSTEMS:

Type of Chamber: . #Chambers: ___ Sq. Ft./Chamber: ___ Bed: Trench: Depth (Range): ___

Sq. Ft. Required (10-1): ___ Sq. Ft. Required (10-2): ___ Sq. Ft. Required (10-3): ___ Sq. Ft. Required for Diverter Valve: (10-2)/(2)

Sq. Ft. Installed: ___

Engineer Design: Y N Engineering Firm: JDS-Hydro Consulting Approval Letter Provided: Y N

Well installed at time of OWTS inspection: Y N Public Water: Y N

*Approval will be revoked if in the future the well is found to be within 50 feet of the septic tank and/or 100 feet of the soil treatment area.

Notes:

- See attached as built drawing

WIDEFIELD WATER AND SANITATION DISTRICT

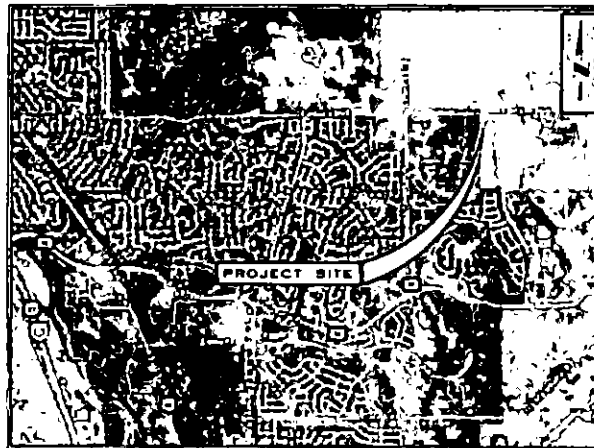
ADMINISTRATION BUILDING

ON-SITE WASTEWATER TREATMENT SYSTEM AS-BUILT

EL PASO COUNTY, COLORADO

NOTES

- GENERAL**
- ALL ON-SITE CONSTRUCTION AND ANY REQUIREMENTS NOT SPECIFIED HEREIN, MUST MEET EL PASO COUNTY PUBLIC HEALTH REQUIREMENTS. THE CONTRACTOR SHOULD HAVE DOCUMENTED AND DEMONSTRATED KNOWLEDGE OF APPLICABLE REQUIREMENTS AND REGULATIONS OF EL PASO COUNTY.
 - EL PASO COUNTY BOARD OF PUBLIC HEALTH REGULATION IS UNAVAILABLE TO DESIGN AND CONSTRUCTION.
 - DEVIATION FROM THESE PLANS MUST BE APPROVED BY THE ENGINEER PRIOR TO EXECUTION.
 - ALL SEPARATION DISTANCES ARE TO BE VERIFIED PRIOR TO EXCAVATION.
 - THE SYSTEM IS DESIGNED AND INTENDED TO BE USED ONLY FOR THE WASTEWATER LOAD SPECIFIED.
 - THE OWNER IS TO ASSUME RESPONSIBILITY, AND BE AWARE OF THE ONGOING MAINTENANCE, REQUIRES FOR AN ON-SITE WASTEWATER TREATMENT SYSTEM.
- PROJECT INFORMATION**
- APPROXIMATELY 600' EAST OF ROLLING HILLS (NAME ON PORTLAND BLVD)
 - TAX SCHEDULE # 300000001, 5 AC ADDRESS: 6000 PORTLAND BLVD, COLORADO SPRINGS, CO 80913
 - SITE DEVELOPMENT GOVERNING AGENCY IS CITY OF FOUNTAIN. SITE ACCESS GOVERNING AGENCY IS CITY OF COLORADO SPRINGS.
- DESIGNATION REQUIREMENTS**
- ENGINEER IS TO OBTAIN SYSTEM INSTALLATION ORDERS WHICH SHOULD BE PERFORMED AT THE FOLLOWING INTERVALS:
- ONCE EXCAVATION
 - APPROVAL OF 6" TRENCH MEDIA AND BACKFILL MATERIAL
 - FINAL PRE-COVERED OBSERVATION
- GENERAL UTILITIES, TRENCHES, METALS, AND SPECIAL TRENCHES**
- POSSIBLE WATER SUPPLY - 1"
 - DEVELOPER OCCUPIED BUILDING - 77
 - PROPERTY LINES - 10'
 - STORMWATER INFRASTRUCTURE - 21
 - IRRIGATION DITCH - 50'
- DESIGN CRITERIA**
- THE SYSTEM IS DESIGNED TO SERVE A COMMERCIAL OFFICE BUILDING WITH A MAXIMUM OCCUPANCY OF 13 PERSONS WORKING 8:00P HOUR SHIFTS.
 - PLANS:
 - C = 13 PERSONS / 15 GPD = 220 GPD
 - LIFT STATION - SEE SHEET C3
 - SEPTIC TANK REQUIREMENTS:
 - INSTALL A PRECAST CONCRETE HOOD CALLING TWO COMPARTMENT SEPTIC TANK WITH OVERFLOW THAT MEETS THE REQUIREMENTS OF EL PASO COUNTY BOARD OF HEALTH REGULATION 8 AND PER MANUFACTURER'S RECOMMENDATIONS. SHOP DRAWINGS OF SEPTIC TANK MUST BE SUBMITTED TO ENGINEER FOR REVIEW PRIOR TO INSTALLATION. METAL ACCESS DOORS TO GRACE ALL ACCESS SHALL BE SEALED TO PREVENT INFILTRATION OF GROUNDWATER AND SURFACE WATER INTO THE TRENCH.
 - SOIL TREATMENT AREA:
 - THE SOIL TREATMENT AREA HAS BEEN CALCULATED BASED UPON SOIL ANALYSIS AND DESIGN FLOWS.
 - AREA = 0.7174
 - AREA = 322.30
 - AREA = 720 SQUARE FEET
 - SOIL TREATMENT AREA TRENCHES ARE 36" LONG, 36" WIDE SPACED 47' APART. THREE SOIL TREATMENT TRENCHES ARE PROPOSED.
 - PERFORATED DISTRIBUTION LINES SHALL BE A MINIMUM 3" DIAMETER. THE END OF EACH DISTRIBUTION LINE SHALL BE CAPPED.
 - A CAPPED INSPECTION POINT SHALL BE LOCATED AT THE END OF EACH DISTRIBUTION LINE. THE TOP OF THE INSPECTION POINT SHALL BE BELOW GRADE AND HAVE A PROTECTED OBSERVATION BOX.
 - EACH TRENCH TO BE APPROX 12" DEEP BACKFILLED WITH CLEAN #1 GRAVEL OR EQUAL MATERIAL, GEOTEXTILE FABRIC, OR EQUAL SURFACE MATERIAL. SHALL COVER EACH TRENCH FABRIC MUST BE 20 GOUNCES PER SQUARE YARD.
 - A FINAL COVER OF SOIL SURFABLE FOR VEGETATION AT LEAST TEN INCHES DEEP SHALL BE PLACED FROM THE TOP OF THE DISTRIBUTION MATERIAL.
 - FOLLOWING COMPLETION THE GROUND SURFACE MUST BE BRUSHED TO SHEET STONE WATER PLACED OR OTHER COVERED WITH GRASS FROM THE SOIL TREATMENT AREA.
 - BACKFILLING AND GRADING SHALL BE ACCOMPLISHED BY A CONTRACTOR THAT DOES NOT IMPAIR THE INTENDED FUNCTION AND PERFORMANCE OF THE STORAGE/DISTRIBUTION SYSTEM.
 - EL PASO COUNTY BOARD OF PUBLIC HEALTH REGULATION IS UNAVAILABLE TO DESIGN AND CONSTRUCTION.
 - CONSTRUCT SOIL TREATMENT AREA IN LOCATION DETERMINED BY THE SITE PLAN.
 - ALL PIPING CONNECTIONS SHALL BE SECURELY FASTENED TO AVOID WATER INFILTRATION INTO THE SYSTEM.
 - RE-VEGETATE THE EXCAVATED AREA WITH ONLY NATIVE SPECIES. CONTACT JDS-HYDRO FOR RECOMMENDATIONS.
 - SAND STORAGE IS NOT RECOMMENDED ON THE SOIL TREATMENT AREA.
 - SOIL TREATMENT AREA TO BE INSTALLED ALONG THE CONTOUR OF THE GROUND.
 - WOOD COMPLETION DURING EXCAVATION.



VICINITY MAP
N.T.S.

| THE-1 (CAUTION) CHECKLIST | COLOR CODE |
|--|---|
| <ul style="list-style-type: none"> <input type="checkbox"/> Gas and Other Utility Lines Shown on Construction Plans <input type="checkbox"/> Utility Notification (Center of Concern (LINC)-Call at Least Two (2) Business Days Ahead - 1-800-477-1187) <input type="checkbox"/> Utility LOCATED & MARKED on the Ground <input type="checkbox"/> Employees Trained on Marking and Color Coding <input type="checkbox"/> Employees Trained on Excavation and Safety Procedures for Natural Gas Lines <input type="checkbox"/> When Excavation Approaches Gas Lines, Employees Must Cease Work by Calling Plumbing and Heating Dept. | <p style="text-align: center;">UNCC UNIVERSITY OF NORTH CAROLINA CHARTERED SURVEYORS</p> <p style="text-align: center;">3 Cape Fearway, New City Cape Fear, North Carolina 28404 Phone: 704-778-1111</p> |

JDS-HYDRO CONSULTANTS, INC.
545 East Pikes Peak Avenue, Suite 300
Colorado Springs, Colorado 80903
(719) 227-0072

SHEET INDEX

| SHEET NUMBER | DESCRIPTION |
|--------------|--|
| | COVER SHEET |
| C0A | SITE PLAN |
| C2 | SITE AND SOIL EVALUATION |
| C3 | LIFT STATION DETAILS |
| C4 | STA/PILING DETAILS AND SEPTIC TANK DETAILS |
| C5 | SANITARY SEWER PLAN & PROFILE |

PARTICIPANTS

| | |
|---|--|
| <p>OWNER WIDEFIELD WATER AND SANITATION DISTRICT 37 WIDEFIELD BOULEVARD COLORADO SPRINGS, CO 80911 CONTACT: STEVE WILSON PHONE: (719) 390-7111</p> | <p>CONSULTING CIVIL ENGINEER JDS-HYDRO CONSULTANTS, INC. 545 E. PIKES PEAK AVE., SUITE 300 COLORADO SPRINGS, CO 80903 CONTACT: JOHN P. MCCANN PHONE: (719) 227-0072</p> |
|---|--|

LEGEND

| | |
|--|--------------------------|
| PROPERTY LINE | ----- |
| EXISTING FENCE | |
| SANITARY SEWER (PROPOSED) | --- SS --- SS --- SS --- |
| SANITARY SEWER LINE (PROPOSED, BY OTHERS) | --- SS --- SS --- SS --- |
| GAS LINE (PROPOSED, BY OTHERS) | --- |
| UNDERGROUND ELECTRIC (PROPOSED, BY OTHERS) | --- |
| OVERHEAD ELECTRIC (EXISTING) | --- OH --- OH --- OH --- |

SIGNATURE BLOCKS

DISTRICT APPROVALS

THE WIDEFIELD WATER AND SANITATION DISTRICT ACCEPTS THE DESIGN ENGINEER AS HAVING RESPONSIBILITY FOR THE DESIGN. THE WIDEFIELD WATER AND SANITATION DISTRICT HAS LIMITED ITS SCOPE OF REVIEW ACCORDINGLY.

WIDEFIELD WATER AND SANITATION DISTRICT

 DATE: 12/22/16

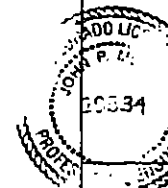
PROJECT NO. _____

ENGINEER'S STATEMENT

THESE DETAILED PLANS AND SPECIFICATIONS WERE PREPARED UNDER MY DIRECTION AND SUPERVISION. ALL DETAILS AND SPECIFICATIONS HAVE BEEN PREPARED ACCORDING TO ALL CURRENTLY EFFECTIVE AND APPLICABLE ENGINEERING AND BUILDING CODES AND STANDARDS.

DATE: 12/22/16

REGISTERED PROFESSIONAL ENGINEER
 STATE OF COLORADO
 LICENSE NO. 1557
 JOHN P. MCCANN
 DISTRICT ENGINEER WIDEFIELD WATER AND SANITATION DISTRICT

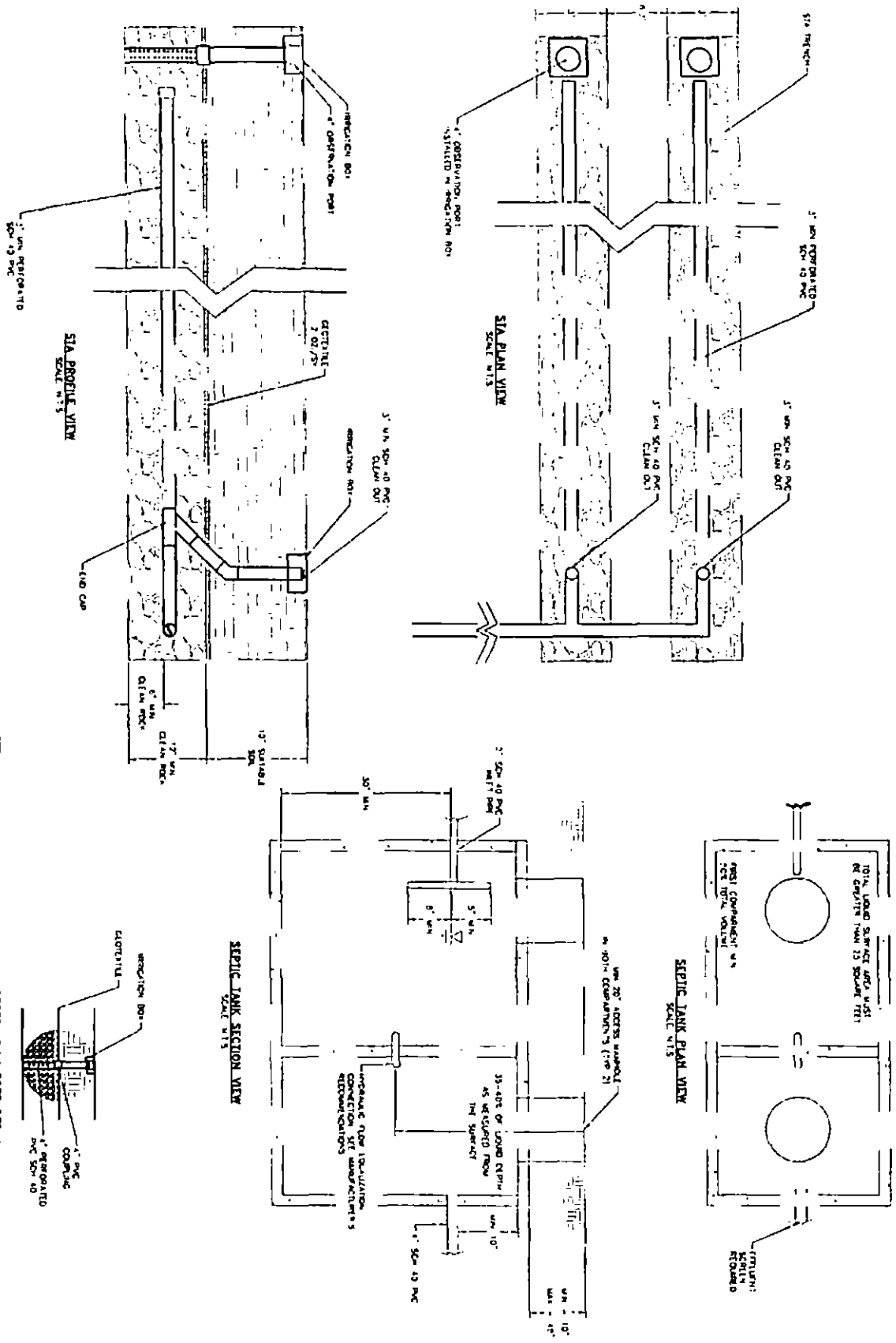


GPS/SURVEY INFORMATION NOTES

INITIAL JDS-HYDRO CONSULTANTS, INC. GPS DATA COLLECTION WAS COMPLETED USING A HANDHELD COMPUTER WITH GLOBE NAVIGATION SATELLITE SYSTEM AND A DUAL-FREQUENCY GNSS ANTENNA FOR HIGH-ACCURACY APPLICATIONS. JDS-HYDRO CONSULTANTS, INC. CANNOT ACCEPT ANY RESPONSIBILITY FOR ERRORS, OMISSIONS OR POSITIONAL ACCURACY, AND THEREFORE, THERE ARE NO WARRANTIES WHICH ACCOMPANY THIS PRODUCT.

FINAL BOUNDARY/LAND AND TOPOGRAPHIC SURVEYS WERE CONDUCTED BY RAUPART SURVEYS, INC. (JULY 2013). SURVEYS ARE BASED UPON CITY OF FOUNTAIN HORIZONTAL AND VERTICAL DATUM CONTROL.

AS-BUILT



| | |
|--------------|----------|
| Project No. | 100123 |
| Rev. | 15/05/01 |
| Drawn By | WJ/1/18 |
| Checked By | |
| Date | 05/05/01 |
| Scale | |
| Sheet No. | |
| Total Sheets | |

WIDEFIELD WATER AND SANITATION DISTRICT
 2016 CIP ADMINISTRATION BUILDING
 ONSITE WASTEWATER TREATMENT SYSTEM
 STA PIPING AND SEPTIC TANK DETAILS

JDS-HYDRO CONSULTANTS, INC.
 545 East Pikes Peak Avenue, Suite 300
 Colorado Springs, Colorado 80903
 (719) 227-0072

Notify Environmental Health of any change of ownership, type of business activity, business name, or billing address by calling (719) 578-3199. Failure to notify Environmental Health may result in late penalties, Permit/License denial or revocation, and business closure. PERMITS/LICENSES TO OPERATE AND ANNUAL FEE PAYMENTS ARE NOT TRANSFERABLE. Permits become void on change of ownership. New owners must apply and pay for a new Permit(s)/License(s) prior to beginning operation.

Attn: WIDEFIELD WATER AND
SANITATION DISTRICT
8495 FONTAINE BLVD
COLORADO SPRINGS, CO 80925



EL PASO COUNTY PUBLIC HEALTH
ENVIRONMENTAL HEALTH DIVISION
1675 W. GARDEN OF THE GODS ROAD, SUITE 2044
COLORADO SPRINGS, CO 80907
PHONE: (719) 578-3199 FAX: (719) 578-3188
www.elpasocountyhealth.org

NEW SYSTEM PERMIT - OWTS

Valid From 9/27/2016 To 9/27/2017

| | | |
|--------------|--|--|
| PERMITEE : | WIDEFIELD WATER AND SANITATION DISTRICT 8495 FONTAINE BLVD COLORADO SPRINGS, CO 80925 | Onsite ID: ON0036560 Tax Schedule # : 5500000041 Permit Issue Date: 09/27/2016 Dwelling Type: COMMERCIAL, # of Bedrooms (if Res): 0 Proposed Use (if Comm): ADMIN BUILDING Designed Gallons/Day: 0-500 GALLONS/DAY Water Source: PUBLIC WATER |
| OWNER NAME : | WIDEFIELD WATER AND SANITATION DIST | |

System Installation Requirements:

- Install the soil treatment area (STA) in the area of the two southern most percolation test holes.
- Depth of soil treatment area cannot be deeper than 4'. Fabric used for rock and pipe system must be 2.0 ounces/square yard. Septic tank must be a minimum of 5' from STA.
- Install according to JDS-Hydro Consultants, INC design document #102.93 dated 9.13.16(3 rock and pipe trenches with 750 square feet). If changes are made to the design, the health department must be contacted.
- Final Approval of system requires Engineered as built and certification letter.

The OWTS must be installed per the stamped and approved Design Document dated 09/27/2016.

This permit is issued in accordance with 25-10-106 Colorado Revised Statutes. The PERMIT EXPIRES upon completion/installation of the Onsite Wastewater Treatment System, or at the end of twelve (12) months from date of issue, whichever occurs first. If both a Building Permit and an Onsite Wastewater Treatment System Permit are issued for the same property and construction has not commenced prior to the expiration date of the Building Permit, the Onsite Wastewater Permit shall expire at the same time as the Building Permit. This permit is revocable if all stated requirements are not met. The Onsite Wastewater Treatment System must be installed by an El Paso County Licensed System Contractor, or the property owner.

The Health Officer shall assume no responsibility in case of failure or inadequacy of an Onsite Wastewater Treatment System, beyond consulting in good faith with the property owner or representative. Access to the property shall be authorized at reasonable time for the purpose of making such inspections as are necessary to determine compliance with the requirements of this law (permit).

Inspection request line: Call (719) 575-8699 before 8:30 a.m. of the day that the inspection is requested
Weekends & Holidays excluded.


Authorized By: Environmental Health Specialist



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SR0003728 AR0007980

APPLICATION FOR AN ON-SITE WASTEWATER TREATMENT SYSTEM PERMIT

NEW PERMIT MAJOR REPAIR PERMIT MINOR REPAIR PERMIT

Owner Widefield Water and Sanitation District Daytime Phone (719) 390-7111 or (719) 227-0072 (Engineering)

System Installer TBD Daytime Phone -

Property Address Loc ID: 21-15-65 (O Fontaine Blvd) City and Zip Colorado Springs 80925

Legal Description W2NW4NW2NE4 SEC 21-15-65

Owners Mailing Address 37 Widefield Blvd, Colorado Springs, CO 80911

Email Address info@wwsdonline.com or jpetarnes@jdslyda.com Fax # 719-390-1409

Tax Schedule # 5500000041 Lot Size 5 acres

Site Located Inside City Limits Yes No Primary Contact Owner Contractor

Proposed Use: Single Family Multi-Family Commercial

Water Supply: Well Cistern Municipal Number of Bedrooms N/A

Pick up: (719) 227-0072 **Fax:** (719) 471-3401 **Email:**

CURRENT FEES AS APPROVED BY THE EI PASO COUNTY BOARD OF HEALTH

New Permit: \$650.00 (EPCPH Charge) + \$147.00 (EPC Planning Dept. Surcharge) + \$23.00 (CDPHE Surcharge) = \$820.00

Major Repair Permit: \$515.00 (EPCPH Charge) + \$23.00 (CDPHE Surcharge) = \$538.00

Minor Repair Permit: \$230.00 (EPCPH Charge) + \$23.00 (CDPHE Surcharge) = \$253.00

- All Payments are due at the time of application submittal; by cash, check or major credit card (Visa / MC)
- This permit will expire one year from the date of issuance.

I certify that the information provided on this application is in compliance with Section 8.3, Chapter 8 of the Onsite Wastewater System (OWS) Regulations of the El Paso County Board of Health. I also authorize the assigned representative of El Paso County Public Health to enter onto this property in order to obtain information necessary for the issuance of a permit.

Applicants Signature: [Signature] Date: 10/22/15

Site Insp. Date: 10/9/15 Perc. Rate: 0.3 Permit # 0N0036560

E.H.S. Review Notes: install near the 2 southern most
percs
fontan

Date to: E.P.C. Development Services N/A Flood Plain and Enumerations ✓

Permit Requirements: Rock & pipe trenches

1000 750
Min. Septic Tank Capacity Min. Absorption Area

E.H. Specialist CG Date 10/22/15 Approved Denied

Celeste