Lincoln-Lancaster County Health Department
Environmental Public Health Division
3140 N Street • Lincoln NE 68510-1514
Phone: 402-441-8643

A

Permit Number
HS0024771

Onsite Wastewater Treatment System
Request for Site Clearance and Permit

Include Form B and C. Submit correct fee with this Application

3 acres or more required for: ☒ Septic System ☐ Lagoon ☐ Other (Refer to Form C)

The undersigned hereby requests site clearance and permit to construct a Wastewater Treatment System in conformance with appropriate regulations.

PLEASE PRINT OR TYPE

A. Onsite System Location

Address 6550 W Denton Rd (no rural route) City Lincoln, NE Zip NE

Legal Description 13 9 5

1/4	1/4	Section	Township	Range LC	Subdivison	Addition	Block	Lot

PID

B. Owner

Name c/o Tru-Built Construct Signature

Address 2640 West M Ct City/State/Zip Lincoln, NE 68522

Home Phone Work Phone 402-477-4663

C. Certified Installer

Name: Jeff Schoeneck Signature Jeff Schoeneck

Address 1645 CR T City/State/Zip Cedar Bluffs, NE 68015

Work Phone

D. Engineer ☐ **Check and complete if engineer designed system** P.E. License Number: E8989

Designer Name Jeff Schoeneck Firm Horizon Envirotech, LLC Work Phone 402-720-9209

E. This system will serve a

☒ Residential Dwelling Number of Bedrooms 4 Whirlpool Bathtub? ☒ Yes ☐ No Total Acres > 3

Garbage Grinder? ☒ Yes ☐ No

☐ Commercial Establishment/Other Facility Specify Design flow in gallons per day

Type of Wastewater ☐ Domestic ☐ Non-Domestic

DO NOT WRITE BELOW THIS LINE

Approval Process ☐ Municipal Code 24.38 ☐ County Resolution No. 02-30

1. Health Department
Site visits Date rec'd
Date frwd
Comments
ACTION ☐ Approved ☐ Disapproved
Signature

2. Supt. Bldg. Insp. or Village Clerk
Comments Date rec'd
Date frwd
ACTION ☐ Approved ☐ Disapproved
Signature

3. City or County Engineer
Comments Date rec'd
Date frwd
ACTION ☐ Approved ☐ Disapproved
Signature

Installation Final Written Approval
By
Date

Business Office Use Only
Date Received Amount Paid
Received By Cash/Check No.

White - Health Department Yellow - Engineer Pink - Building & Safety

Form A Updated: 1/13

Soil Absorption Test Data Sheet

Owner Information:

Owner: c/o True Built Construction Phone: 402-477-4663

Address: 2640 West M Court, Lincoln, NE 68522

Location: 6550 W Denton, Rd, Lincoln, NE

Latitude 40.7430 Longitude -96.8099

Township _____ Range _____ Sec. _____ 1/4 sec. _____

County: Lancaster Area: _____ Acres

Soil Profile (Pit #1)		
	0 - 10"	Firm SiCL
	10 - 26"	Gr Br SiC
	26 - 46"	Red/Br SiL
	46 - 96"	Firm CL

No Evidence of Seasonal High Water Table Within 8ft of Surface

Test Dates

Start Date	End Date
8/31/22	8/31/22

Test Day Weather

Weather Sunny Temp. 94F

Precipitation None

Percolation test data:		Final Percolation Readings					Final Results		
		Start			End				
Hole No.	Hole Depth (in.)	Date Mo./Day	Time (Hr./Min.)	Water Level (in.)	(Hr./Min.)	Water Level (in.)	Elapsed Time (Min.)	Water Level Drop (in.)	Percolation Rate (Min./Inch)
1	39	8/31/22	4:01 PM	7.50	4:31 PM	6.65	30	0.85	35.3
2	39	8/31/22	4:02 PM	7.75	4:32 PM	6.80	30	0.95	31.6
3	39	8/31/22	4:03 PM	7.65	4:33 PM	7.15	30	0.50	60.0

Jeffery N Schoeneck

Jeffery N. Schoeneck, P.E. - E8989
Horizon Envirotech, LLC
1645 County Rd T
Cedar Bluffs, NE 68015
(402) 720-9209
Phone

Sum of Percolation rates = 126.9

Number of test holes = 3

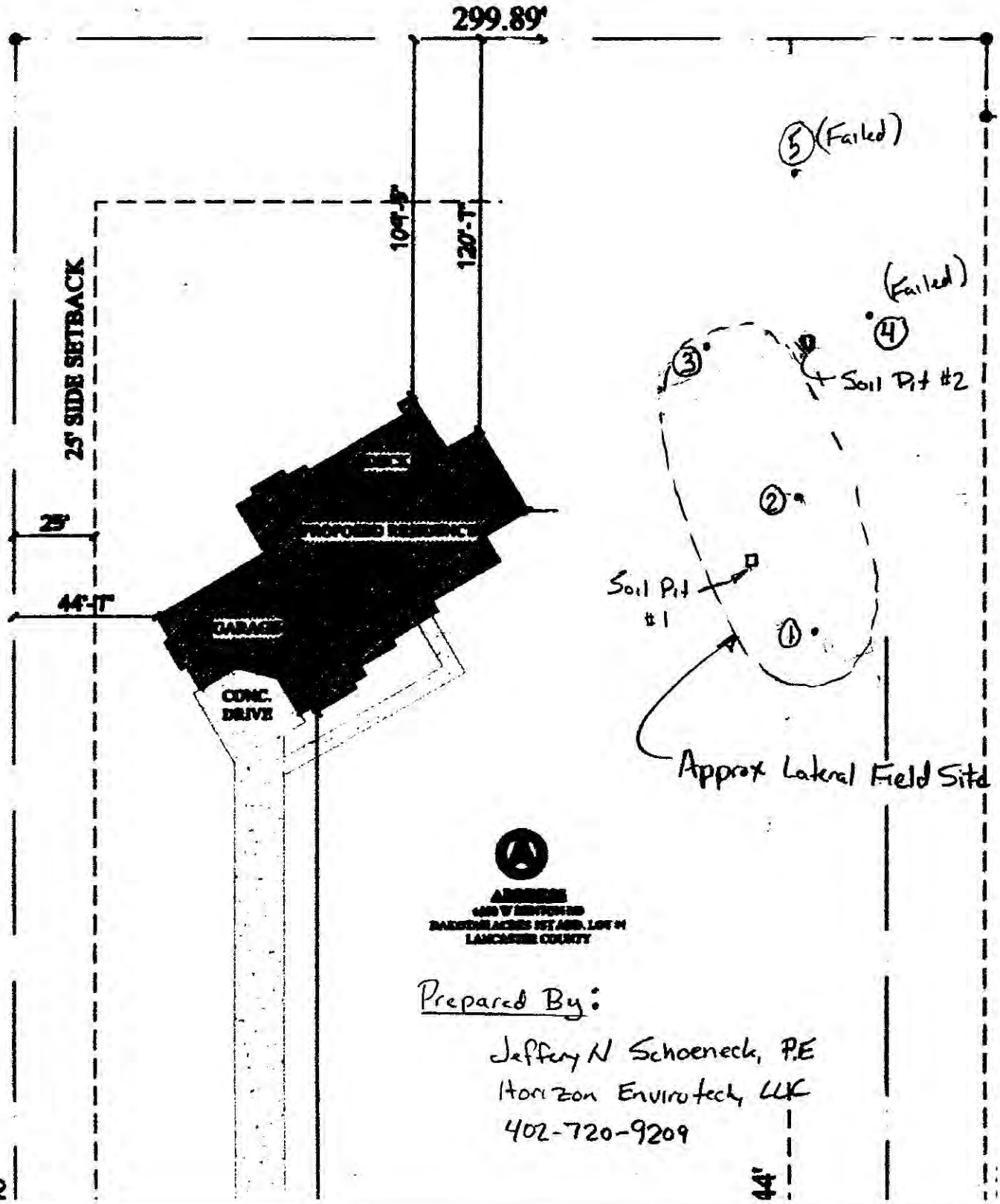
Average of rates in Minutes/inch = ~~42.3~~ USE 60 MIN/INCH

*If rates vary more than 20 minutes/inch, do not average but use the slowest rate for design purposes.

Note: • Area Contains highly variable Soil Conditions.
• Lateral location & depth is critical to achieve a properly functioning system
• Engineered Lay-out / Design is recommended

Soil Percolation Test - Site Sketch

6550 W Denton Rd, Lincoln, NE



Prepared By:

Jeffery N Schoeneck, P.E
Horizon Envirotech, LLC
402-720-9209

738.46'

PROPOSED SEPTIC PLAN

6550 W DENTON RD

25' SIDE SETBACK

4-BR HOME

550'-4"

109'-7"

120'-7"

299.89'

2,000 Gal SEPTIC TANK

Drop Boxes (Typ)

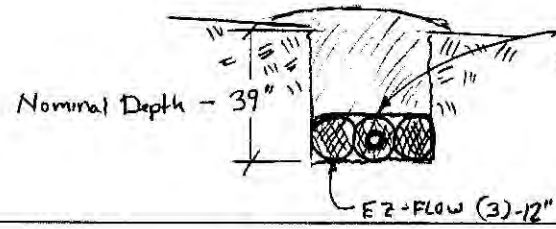
EZ-Flow (3) x 12" PS Bundles (Typ) 7'-0C

Design Criteria:

- Soil Percolation Rate - 60min/in
- 4 Bedroom Home
- Oversized Tub & Garbage Disposal
- 2,000 Gal Septic Tank
- Propose 480 Ln Ft of EZ-Flow

Note:
- Plan Based on Preliminary Layout - Actual Location of Septic Tank May Vary from Shown
- Refer to Actual Staked Lateral Location for Position & Orientation for Construction.

714.89'



LATERAL DETAIL

PROFESSIONAL AGRICULTURAL ENGINEER
JEFFERY N. SCHOENECK
E-8080
9/21/2022
STATE OF NEBRASKA

Prepared By:

Jeffery N Schoeneck, PE
Horizon Envirotech, LLC
402-720-9209

SCANNED

A

Lincoln-Lancaster County Health Department
Environmental Public Health Division
3140 N Street • Lincoln NE 68510-1514
Phone: 402-441-8643

Permit Number
HS0024771

Onsite Wastewater Treatment System
Request for Site Clearance and Permit

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1/4 1/4 Section Township Range LC Subdivison Addition Block Lot

PID

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Name c/o Tru-Built Construction Signature

Address 2640 West M Ct City/State/Zip Lincoln, NE 68522

Home Phone Work Phone 402-477-4663

C. Certified Installer

Name: Jeff Schoeneck Signature Jeff Schoeneck

Address 1645 CR T City/State/Zip Cedar Bluffs, NE 68015

Work Phone

D. Engineer ☐ Check and complete if engineer designed system P.E. License Number: E8989

Designer Name Jeff Schoeneck Firm Horizon Envirotech, LLC Work Phone 402-720-9209

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Garbage Grinder? ☒ Yes ☐ No

☐ Commercial Establishment/Other Facility Specify Design flow in gallons per day

Type of Wastewater ☐ Domestic ☐ Non-Domestic

DO NOT WRITE BELOW THIS LINE

Approval Process ☐ Municipal Code 24.38 ☐ County Resolution No. 02-30

1. Health Department
Site visits Date rec'd ACTION ☐ Approved ☐ Disapproved
Date frwd Signature
Comments

2. Supt. Bldg. Insp. or Village Clerk
Comments Date rec'd ACTION ☐ Approved ☐ Disapproved
Date frwd Signature

3. City or County Engineer
Comments Date rec'd ACTION ☐ Approved ☐ Disapproved
Date frwd Signature

Installation Final Written Approval
By
Date

Business Office Use Only
Date Received 10-6-22 Amount Paid 460.00
Received By LC Cash/Check No. 4232

White - Health Department Yellow - Engineer Pink - Building & Safety

Form A Updated: 1/13

Lincoln-Lancaster County Health Department
Environmental Public Health Division (402) 441-8027
3131 O Street Lincoln, Nebraska 68510-1514

ON-SITE WASTE WATER SYSTEM
CONSTRUCTION - INSTALLATION PERMIT
No. HS002471

System Type: Lagoon

Situs: No Site Address Specified

Issued: 10/7/2022

Expires: 10/7/2023

Description: DAKOTAH ACRES 1ST ADDITION, Lot 2

Owner:

Patricia D. Lopez

Patricia D. Lopez, RN, MSN, Health Director

Dear Applicant:

The above document is your permit to construct a new On-site Waste Water System at the location listed. Please contact this office once the sytem is complete in order to schedule a final inspection before use.

Patricia D. Lopez

Patricia D. Lopez, RN, MSN
Health Director

HORIZON ENVIROTECH LLC
JEFF SCHOENECK
1645 COUNTY ROAD T
CEDAR BLUFFS, NE 68015

SCANNED

A

Lincoln-Lancaster County Health Department
Environmental Public Health Division
3140 N Street • Lincoln NE 68510-1514
Phone: 402-441-8643

Permit Number
HS0024771

* not enough perc's Issued as Lagoon until perc's can be completed as per contractor JH

Onsite Wastewater Treatment System
Request for Site Clearance and Permit

Include Form B and C. Submit correct fee with this Application

3 acres or more required for: ☒ Septic System ☒ Lagoon ☐ Other (Refer to Form C)

The undersigned hereby requests site clearance and permit to construct a Wastewater Treatment System in conformance with appropriate regulations.

PLEASE PRINT OR TYPE

A. Onsite System Location

Address 6560 W Denton Rd (no rural route) City Lincoln ✓ NE Zip NE

Legal Description 13 9 5 Dakota acres 1

1/4 1/4 Section Township Range LC Subdivison Addition Block Lot

PID 03133020001000 - as per Surveyor drawing shown

B. Owner

Name c/o Tru-Built Construction Signature

Address 2640 West M Ct. City/State/Zip Lincoln, NE 68522

Home Phone Work Phone 402-477-4663

C. Certified Installer

Name: Jeff Schoeneck Signature Jeff Schoeneck

Address 1645 CR T City/State/Zip Cedar Bluffs, NE 68015

Work Phone

D. Engineer

☐ Check and complete if engineer designed system P.E. License Number: E8989

Designer Name Jeff Schoeneck Firm Horizon Envirotech, LLC Work Phone 402-720-9209

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☐ Commercial Establishment/Other Facility Specify Design flow in gallons per day

Type of Wastewater ☒ Domestic ☐ Non-Domestic

DO NOT WRITE BELOW THIS LINE

Approval Process ☒ Municipal Code 24.38 ☐ County Resolution No. 02-30

1. Health Department
Site visits 6/20/23 DV
Comments
Date rec'd 10/7/22
Date frwd 10/7/22
ACTION ☒ Approved ☐ Disapproved
Signature

2. Supt. Bldg. Insp. or Village Clerk
Comments
Date rec'd
Date frwd
ACTION ☒ Approved ☐ Disapproved
Signature

3. City or County Engineer
Comments
Date rec'd
Date frwd
ACTION ☐ Approved ☐ Disapproved
Signature

Installation Final Written Approval
By Craig Thurs
Date 6/26/23

Business Office Use Only
Date Received 10-6-22 Amount Paid 460.00
Received By LC Cash/Check No. 4232

White - Health Department Yellow - Engineer Pink - Building & Safety

Form A Updated: 1/13

Lincoln-Lancaster County Health Department
Environmental Public Health Division
3140 N Street • Lincoln NE 68510-1514
Phone: 402-441-8643

Exhibit 5

Permit Number: HS002471

Onsite Wastewater Treatment System

Inspection Sheet

Date 6/26/23 Legal Description _____

¼ ¼ Section/Township/Range

Onsite System Location 6550

Address (no rural route) [redacted] W Denton City _____

Owner _____ Address _____

Mark One: ☒ Dwelling ☐ Non-dwelling

☒ New System ☐ Alteration [☐ Tank Only ☐ Trench Only] ☐ Lateral Only

☐ Temporary modification (Describe problem causing discharge and reason for temporary modification): _____

_____

Drainfield Absorption System:

☒ Lateral ☐ Bed ☐ Non-standard (engineer-designed and NDEQ approved) ☐ Holding Tank ☐ Trench

Total square feet of drainfield 2,160 Sq. Ft. Tank Size 2,000 gals

Total length of laterals 480' Type of Distribution: ☐ Chamber ☐ Perforated Pipe ☐ Other (describe)_____

_____

No. of Absorption Laterals 5 Width _____ No. of Drop Boxes 1 Distribution Box 1

Leveling Method Used Laser

Setbacks (Check the Boxes Below if the Required Setback has been Satisfied):

Distance From	Private Well	Public Well	Surface Water	Ground water	Pressure Water Lines	Property Lines
Tank (ft)	50 ☐	500 ☐	50 ☐	NA ☐	10 ☐	5 ☐
Field (ft)	100 ☐	500 ☐	50 ☐	4 ☐	25 ☐	5 ☐

Geographical Coordinates to 6 Decimals: NA

Tank_____

Lateral #1_____ Lateral #3_____

Lateral #2_____ Lateral #4_____

Comments:

Inspections prior to Final Approval
Initial DS Date 6/22/23

Follow-Up_____ Date _____

Follow-Up_____ Date _____

Installation Final Written Approval
By [signature]

Date 6/26/23

Field Note Drawing (See Reverse Side):

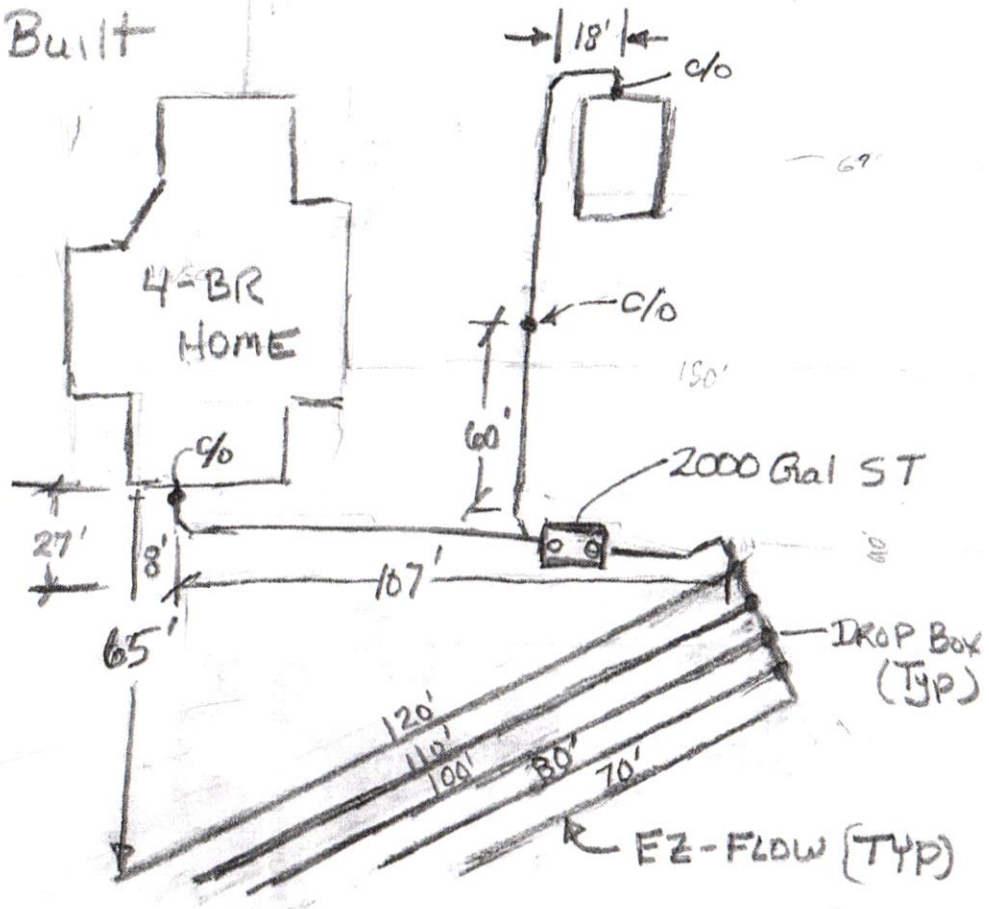
SEPTIC PLAN - AS Built

6560 W DENTON RD

Lincoln, NE

Prepared By:

JEFF SCHOENECK
Horizon Envirotech, LLC
402-720-9209



Nate C. Hartman

From: Todd A. Stutzman
Sent: Friday, October 7, 2022 11:21 AM
To: Nate C. Hartman
Subject: 6560 W Denton Rd.

Nate,

Dakotah Acres 1st Addition Lot 1, is a buildable lot.

Todd Stutzman
Plans Examiner II
402-441-7097
tstutzman@lincoln.ne.gov

Nate C. Hartman

From: jeffhet@1791.com
Sent: Friday, October 7, 2022 11:30 AM
To: Nate C. Hartman
Subject: Septic Permit 6560 W Denton Rd
Attachments: Septic Permit 6550 W Denton Rd.pdf; Soil Perc Test 6550 W Denton Rd.pdf; Proposed Septic Plan.pdf

Nate,

Per your request, I am clarifying the address for the project. It is 6560 West Denton Rd (Lot 1, Dakota Acres), not 6550, as shown on the original email sent October 6, 2022.

Attached are septic application, soil percolation test results and proposed plan for septic system @ 6550 W Denton Rd. I will call-in for payment. Let me know if you have any questions or comments.

Regards,
Jeff Schoeneck
Horizon Envirotech, LLC
402-720-9209