



LOWER MINNESOTA RIVER WATERSHED DISTRICT

Executive Summary for Action

Lower Minnesota River Watershed District Board of Managers Meeting

Wednesday, February 21, 2024

Agenda Item

Item 6. F. – 535 Lakota Lane, Chanhassen – work without a permit

Prepared By

Linda Loomis, Administrator

Summary

On Tuesday, February 6, 2024, Initial Disclosures were served upon opposing counsel. Disclosures that were filed are attached for the Board's Information.

Attachments

Plaintiff's Initial Disclosure dated 2-6-2024

Supporting documentation

Recommended Action

No action recommended

STATE OF MINNESOTA

Case Type: Civil – Other
DISTRICT COURT

COUNTY OF CARVER

FIRST JUDICIAL DISTRICT

Lower Minnesota River Watershed District,

Court File No. 10-CV-23-1151

Plaintiff,

**PLAINTIFF’S RULE 26.01
INITIAL DISCLOSURES**

v.

Eco Real Estate Holdings LLC; and Andrew
Polski, individually and as a registered agent
for Eco Real Estate Holdings LLC,

Defendants.

Pursuant to Rule 26.01(a)(1), Plaintiff Lower Minnesota River Watershed District, makes
the following disclosures:

INTRODUCTORY STATEMENT

The following disclosures are made based on the information reasonably available to Plaintiff as of the date hereof. By making these disclosures, Plaintiff does not represent that it is identifying every document, tangible thing or witness that it may possibly use to support its claims or defenses. Plaintiff does not waive its right to object to the production of any document or tangible thing disclosed herein on the basis of any privilege, the work product doctrine, relevancy, undue burden or any other valid objection. Plaintiff’s disclosures represent a good faith effort to identify information it reasonably believes it may use to support its claims or defenses, unless solely for impeachment, as required by Rule 26(a)(1).

Finally, Plaintiff’s disclosures are made without in any way waiving: (1) the right to object on the grounds of competency, privilege, relevancy and materiality, hearsay, data

classification or any other proper ground, to use of any such information, for any purpose, in whole or in part, in any subsequent proceeding in this action or any other action; and (2) the right to object on any and all grounds, at any time, to any other discovery request or proceeding involving or relating to the subject matter of these disclosures.

All of the disclosures set forth below are made subject to the above objections and qualifications.

26(a)(1)(A)

The name, and if known, the address and telephone number of each individual likely to have discoverable information – along with the subjects of that information – that the disclosing party may use to support its claims or defenses, unless the use would be solely for impeachment:

- A. Della Young, Young Environmental Consulting Group, LLC, 6040 Earle Brown Drive, Suite 306, Brooklyn Center, MN 55430; (651) 249-6974. Ms. Young has information regarding the Plaintiff's investigation into the violations on Defendant's property at issue.
- B. Linda Loomis, Lower Minnesota River Watershed District Administrator, 112 5th Street East, Suite 102, Chaska, MN 55318; (763) 568-9522. Ms. Loomis has information regarding the Plaintiff's investigation into the violations on Defendant's property at issue, Plaintiff's rules and regulations, and Plaintiff's prior communications with Defendant regarding the violations.
- C. Katy Thompson, Young Environmental Consulting Group, LLC, 6040 Earle Brown Drive, Suite 306, Brooklyn Center, MN 55430; (651) 249-6974. Ms. Thompson has information regarding the Plaintiff's investigation into the violations on Defendant's property at issue.
- D. Dale Denn, HomeStead Septic, 1108 Goldrenrod Lane, Shakopee, MN 55379; (612) 310-7887. Mr. Denn designed and installed sump pump system, which is in violation of Plaintiff's rules and regulations.
- E. Unknown employee of City of Chanhassen Planning Commission, 7700 Market Boulevard P.O. Box 147 Chanhassen, MN 55317; (952) 227-1100. Has knowledge of violations on Defendant's property.

Plaintiff reserves the right to amend this list to add or remove individuals and add or remove subjects of information.

26(a)(1)(B)

A copy of, or a description by category or location of, all documents, electronically stored information, and tangible things that the disclosing party has in its possession, custody, or control and may use to support its claims or defenses, unless the use would be solely for impeachment:

Bates Number	Description of Document
RN 0001 – RN 0029	Technical Memorandum
RN 0030 – RN 0033	May 25, 2022 letter to ECO Real Estate Holdings LLC
RN 0034 – RN 0040	July 25, 2022 letter to ECO Real Estate Holdings LLC
RN 0041 – RN 0043	August 17, 2022 letter to ECO Real Estate Holdings LLC
RN 0044 – RN 0045	LMRWD Individual Permit
RN 0046 – RN 0059	Type I Trench Design Plans
RN 0060 – RN 0062	Septic Invoice and Final Inspection

26(a)(1)(C)

A computation of each category of damages claimed by the disclosing party – who must also make available for inspection and copying as under Rule 34 the documents or other evidentiary material, unless privileged or protected from disclosure, on which each computation is based, including materials bearing on the nature and extent of injuries:

Plaintiff seeks injunctive and non-economic relief.

26(a)(1)(D)

For inspection and copying as under Rule 34, any insurance agreement under which an insurance business may be liable to satisfy all or part of a possible judgment in the action or to indemnify or reimburse for payments made to satisfy judgment:

A. N/A

26(b) Disclosure of Expert Testimony

Disclosure of the identity of any witness that may be used at trial to present evidence under Minnesota Rules of Evidence 702, 703 or 705:

A. Expert witnesses not yet determined.

Dated: February 6, 2024

RINKE NOONAN, LTD.

/s/ Hannah Schacherl

Hannah Schacherl (#0403739)

John C. Kolb (#268938)

Suite 300 US Bank Plaza

1015 W. St. Germain St.

P.O. Box 1497

St. Cloud, MN 56302

(320) 251-6700

(320) 656-3500 fax

Email: HSchacherl@rinkenoonan.com

Email: JKolb@rinkenoonan.com

ATTORNEYS FOR PLAINTIFF



Technical Memorandum

To: Linda Loomis, Administrator
Lower Minnesota River Watershed District

From: Katy Thompson, PE, CFM
Della Schall Young, CPESC, PMP

Date: May 12, 2022

Re: 535 Lakota Lane Inspection (LMRWD No. 2022-018)

During the April 16, 2022, board meeting, the administrator and legal counsel informed the managers that the owner of 535 Lakota Lane had made improvements to the property potentially within the Lower Minnesota River Watershed District (LMRWD) within the Steep Slopes Overlay District (SSOD) without a permit. Based on the information, the managers authorized staff to inspect the property to assess whether the owner had violated LMRWD rules. Young Environmental, as LMRWD staff, completed the property inspection because the city of Chanhassen does not have its municipal LGU permit, and our findings are as follows.

Background

The City of Chanhassen (City) contacted the LMRWD on April 13, 2022, regarding a resident, Mr. Andy Polski, who had recently done work to their property at 535 Lakota Lane without a permit (Figure 1). The City was concerned that the work may have been in the LMRWD SSOD and included grading, construction of a retaining wall and drain tile, and tree removals. The City became aware of the violation when Mr. Polski listed the property for sale, and the information included a list of improvements that required City permits; however, no permits had been pulled. City staff investigated the violations and are now working with the property owner to either retroactively issue the permits for the 50 improvements identified or restore the site to previous conditions because the improvements have already been constructed (Attachment 1). The concerns related to the LMRWD SSOD include the following:

- Encroachments into the bluff setback and impact zone from the deck addition,

Page 2 of 8

- retaining wall, pool pad, and grading and vegetation removal
- Tree removal on the bluff
- Drain tile and sump pump installation
- Permanent site stabilization to prevent erosion

The approximate extent of the improvements are shown in Figure 2.

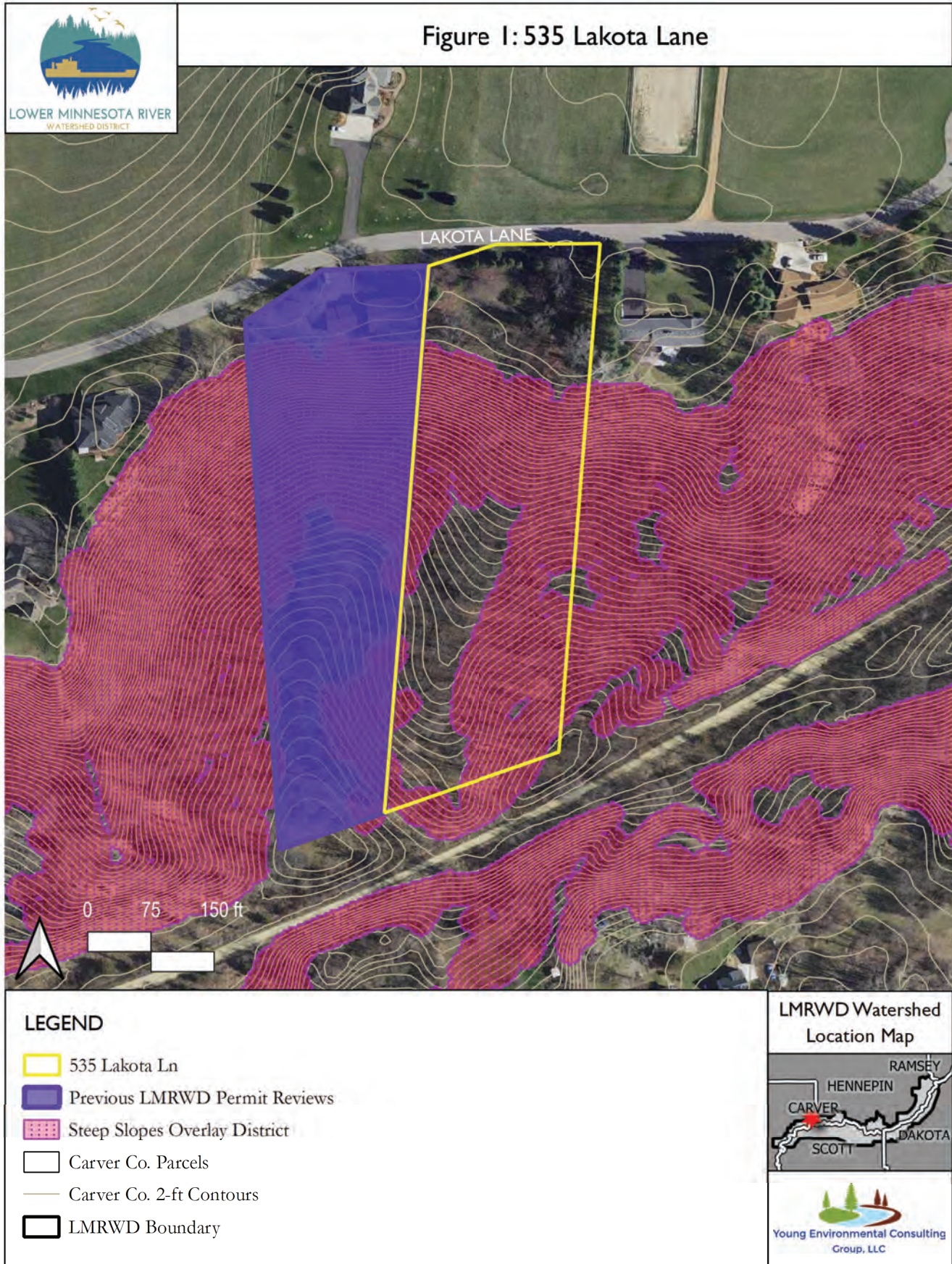
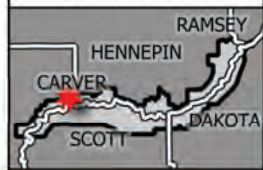


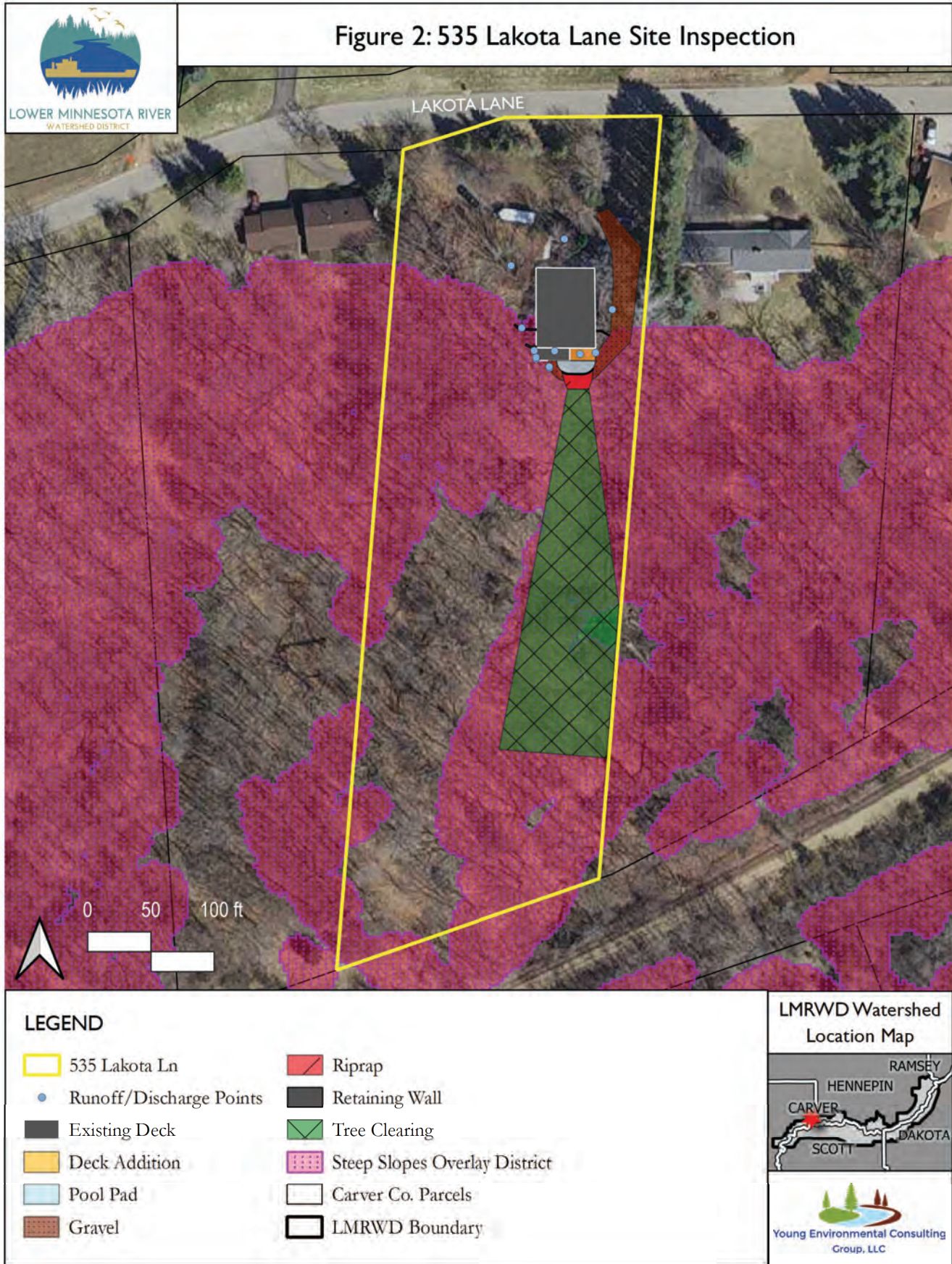
Figure I: 535 Lakota Lane

LEGEND

- 535 Lakota Ln
- Previous LMRWD Permit Reviews
- Steep Slopes Overlay District
- Carver Co. Parcels
- Carver Co. 2-ft Contours
- LMRWD Boundary

**LMRWD Watershed
Location Map**





Summary

<u>Project Name:</u>	Polski Residence—Work Without Permit
<u>Purpose:</u>	Unpermitted residential improvements and grading in the SSOD
<u>Project Size:</u>	Unknown, estimated 1,400 square feet in SSOD and approximately 3,700 square feet of new impervious surfaces.
<u>Location:</u>	535 Lakota Lane, Chanhassen (Parcel ID No. 251300020)
<u>LMRWD Rules:</u>	Rule F—Steep Slopes
<u>Recommended Board Action:</u>	None, information only

The property is located in the Bluffview Addition, platted in 1958 and constructed in 1978. It is currently listed by the Carver County tax assessor as having one story and four bedrooms in 2,318 square feet. The current listing states that the property is five bedrooms, three bathrooms, and 4,864 square feet—significantly larger than the County information provided.

A review of County aerial photography clearly shows the construction of the new aboveground pool pad, deck addition, and retaining wall and riprap noted in the field (Figures 3 and 4).



Figure 3. Carver County aerial images of 535 Lakota Lane (left taken April 15, 2015, and right taken November 21, 2020).



Figure 4. Western view of 535 Lakota Lane (top image taken on April 24, 2018; bottom image taken on April 8, 2020.).

Site Inspection

On May 5, 2022, Young Environmental staff visited 535 Lakota Lane to document site conditions. Prior to inspecting the property, staff noted that it appeared the occupant was home. Staff knocked on the door to talk to the homeowner, but no one answered the door. Staff then walked around the property and took photos to document the site conditions (Attachment 2). Staff observed the following:

1. Twelve roof, sump pump, or drain tile discharge points were identified coming from the house and discharging onto the property. Ten of these were discharged into the SSOD.
2. Extensive tree-clearing activities occurred downslope from the property.
3. Gravel and riprap were placed to create a level surface for the aboveground pool and held in place with a retaining wall.
4. Gravel was placed on the east hillside and side yard for RV parking.

Rules Review

The District regulates land-disturbing activities that affect one acre or more under Rule B and create more than one acre of new impervious surfaces. The improvements appear to have disturbed less than one acre within the LMRWD boundary and resulted in approximately 3,700 square feet of new impervious surfaces, indicating that neither Rule B nor D apply. However, the total amount of disturbance will be confirmed by the City when an on-site survey is completed.

Rule F—Steep Slopes Rule

The District regulates land-disturbing activities within the SSOD and requires a permit for activities that involve the excavation of 50 cubic yards or more of earth or the displacement or removal of 5,000 square feet or more of surface area or vegetation within the overlay area. The improvements appear to have been subject to this rule, given the amount of tree clearing and grading within the SSOD. Exemptions to Rule F exist for native plantings and removal of noxious, exotic, or invasive vegetation as well as for pruning of diseased or dead trees within the SSOD; however, the applicant must provide a rationale for the tree and vegetation clearing as well as the total area affected by their activities.

For work within the SSOD, the applicant must provide documentation that a qualified professional or professional engineer registered in the state of Minnesota has certified this area as suitable for the proposed activities, structures, or uses resulting from the construction. Because the homeowner appears to have completed most of the improvements, a professional must evaluate them to determine if the retaining walls, deck, pool pad, gravel, and riprap placement will be stable and not cause further erosion of the slope because no documentation has been provided.

Page 8 of 8

Finally, staff identified 12 discharge points around the property during the site inspection, including 10 within the SSOD, which can create unstable slope conditions. Rule F explicitly states that land-disturbing activities may not result in any new water discharge points on the steep slopes or along the bluff. The homeowner must redirect these discharge points away from the SSOD.

Summary of Findings and Recommendations

As per the inspection of the property conducted on May 5, 2022, the improvements do violate the LMRWD Rule F—Steep Slopes Rule and must be corrected with an after-the-fact permit. To address the permit violation, the staff recommends continued work with the City and the property owner to address the identified concerns and issue an after-the-fact permit.

We recommend drafting a letter to the property owner outlining the Rule F violation and required restoration or corrective actions. The letter will include a timeline for addressing the violation and required submittals, including the following:

1. Apply for an LMRWD Individual Permit, and pay the permit fee of \$750.
2. Provide documentation of the tree- and vegetation-clearing activities within the SSOD.
3. Provide an evaluation by a professional engineer that the slope can withstand the constructed improvements as is.
4. Redirect stormwater runoff from the house (roof and gutter as well as sump pump discharges) away from the SSOD.

If the property owner does not comply, then as the LMRWD's legal counsel recommends, the violation order would be served on the owner and recorded with the property title.

Attachments

- Attachment 1 – City Review Memo
- Attachment 2 – Photos from May 5, 2022, site visit

Attachment 1—City Review Memo



CITY OF CHANHASSEN

Chanhassen is a Community for Life - Providing for Today and Planning for Tomorrow

May 2, 2022

2ND NOTICE

ECO Real Estate Holdings LLC
P.O. Box 1199
Clark, CO 80428

Re: 535 Lakota Lane – Work Without Permit

Dear ECO Real Estate Holdings LLC:

On April 18, 2022 the City sent you a letter making you aware of several violations of City Code on your property and requesting that you work with staff to address these issues. To date, staff has not received a response this letter. Please provide staff with a timeline for submitting a survey of the property and addressing the other issues raised in the initial letter by **May 20, 2022**.

As a reminder, based on the information available and staffs' observations during a site visit on April 12, 2022, staff believes the following items will need to be addressed:

Planning Department:

- Probable encroachment into required bluff setback and impact zone
 - Deck addition
 - Retaining wall
 - Pool pad and above-ground pool
 - Grading and vegetation removal associated with limestone around pool pad
- As-built/updated survey needed to accurately depict current conditions on property and determine exact extent and nature of encroachment into the bluff setback and impact zone
- If survey shows alterations made within bluff setback and bluff impact zone, one of the following must be done:
 - Remove alterations and restore bluff area to pre-existing conditions
 - Request an after-the-fact variance
 - The City may not grant all or part of the requested variance
 - If elements of the variance request are not granted, they would need to be removed
 - If elements of the variance are granted, the City would impose conditions to mitigate the impact of the various elements

Questions about these requirements can be addressed to the City's Associate Planner, MacKenzie Young-Walters at 952-227-1132 or mwalters@ci.chanhassen.mn.us.

Environmental Resources:

- Tree removal within bluff. A survey of trees removed from bluff, including diameter and species will be needed.
 - Based on extent of removals, native trees will be required to be planted to restore the bluff to pre-removal conditions.

PH 952.227.1100 • www.ci.chanhassen.mn.us • FX 952.227.1110

7700 MARKET BOULEVARD • PO BOX 147 • CHANHASSEN • MINNESOTA 55317

RN 0010

535 Lakota Lane
 May 2, 2022
 Page 2

Questions about this requirement can be addressed to the City's Environmental Resource Specialist, Jill Sinclair at 952-227-1133 or j Sinclair@ci.chanhassen.mn.us.

Water Resources Department:

- A survey of the stormwater-related improvements including but not limited to the concrete apron and drain tile installation will be needed to understand the extent of the work completed. Additional stipulations may be required from the findings of the survey.
- The site must be permanently stabilized to prevent erosion and sediment transport. After completion of any work related to this letter the homeowner shall schedule an erosion control inspection with the City and address any issues from that inspection.

Questions about this requirement can be addressed to the City's Water Resources Engineer, Joe Seidl at 952-227-1168 or jseidl@ci.chanhassen.mn.us.

Building Department:

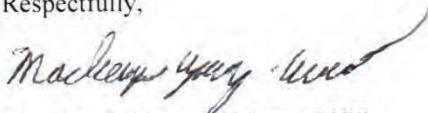
- Permits for the following exterior improvements need to be obtained:
 - Deck addition
 - New footings and railings on existing deck
 - Windows, exterior doors, garage overhead door
 - Porch converted into master bedroom

In addition to the permits needed for exterior improvements, permits are required for interior improvements that have been completed. We have several photos showing interior improvements and have received a list of 50 improvements that have been made to the property within the last three years. The list is included with this letter. Items on the list highlighted in green have been permitted and items in red were completed without permits. Please contact the Building Department to schedule an interior walkthrough of your property. Staff would ask that you or your representative accompany us for this process. Once staff walks through the property, we can begin to provide you with a path towards compliance with the Building Code.

To schedule a walkthrough of the property or if you have any questions about Building Code/permit requirements, please contact the City's Building Official, Eric Tessman at 952-227-1199 or etessman@ci.chanhassen.mn.us.

Your cooperation in correcting these issues is appreciated.

Respectfully,



MacKenzie Young-Walters, AICP
 Associate Planner

ec: Eric Tessman, Building Official
 Jill Sinclair, Environmental Resources Specialist
 Joe Seidl, Water Resources Engineer

g:\plan\code enforcement\535 lakota\joint letter 535 lakota_final.docx

535 Lakota Lane
 May 2, 2022
 Page 3

List of Improvements in past 3 years

Building permit obtained

Building permit needed

Zoning permit needed

- New Roof, ice & water, roof vents, etc.
- All new windows (17) LoE high efficiency windows
- All new moldings, casing, baseboard, etc.
- All new subfloor on main level
- Main level ceiling removed; raised 6" and all new drywall
- All new blown in cellulose insulation in attic space
- All walls that were opened – closed cell spray foam insulated
- All new solid pine interior doors – 100% of the house
- New overhead garage door w. windows
- New fire door to garage
- New double glass French door at entry
- New footings on deck
- New laminate beams and posts added to support master suite over deck
- Screened in porch converted to massive master suite
- Added WC to master bath, completely gutted and added huge his/her shower, all heated ceramic tile, everything new.
- Added large master closet w. barn doors, custom – California style shelving and hangers
- Roughed in 220V for baseboard heat if needed in owner's suite addition, but has not been needed. Very efficient as it was all spray foamed.
- All 3 bathrooms completely renovated with new plumbing, custom tile work, vanities, flooring, etc.
- All new engineered hardwood and carpet on main level.
- All new cabinets, vanities, moldings, crown, custom wood wraps on HVAC duct work, beams, etc.
- Added walls to create 3rd bedroom on main level and closet.
- Added built in cabinets and butcher block top/entertainment center w. data conduit center in main level living room
- All new countertops (white granite in main kitchen, quartz in bathrooms, and butcher block in lower level kitchen).
- Wall removed separating dining area from kitchen; and custom island installed w. prep sink.
- All new plumbing w. pex supply lines, drain pipes, frost proof silcocks
- All new HVAC duct work, air supplies, and cold air returns (house was previously on electric baseboard heat)
- New high efficiency furnace
- Added New A.C. Condensing Unit and hook ups/plumbing
- New Water Heater

535 Lakota Lane
 May 2, 2022
 Page 4

- New Washer & Dryer
- All new appliances in (2) kitchens
- Commercial style finish in laundry/hobby room with butcher block counter tops, custom sink, built in cabinets, etc.
- Added drain tile and sump pump in the basement (French drain style to sump basket).
- All new drywall in lower level ceiling.
- All new recessed lights and light fixtures throughout house
- All new paint throughout the interior and exterior
- Created mudroom off garage with custom bench and bead board coat hooks.
- Patching and skim coat of garage concrete floor, painted garage
- Added concrete apron w. drain for rainwater runoff
- Seal coated entire driveway
- Replaced roof, siding, door, and painted shed
- Graded, seeded, and repaired over 1/2 of front/side yard
- Installed underground electric dog fence around the entire perimeter of house and back yard, trenched in driveway.
- Added custom mulch and pruned all trees, extensive cleanup of over grown shrubs, etc. in yard
- Added a great RV parking space on east side of house w. limestone driveway and electric hookup
- Added custom concrete landscaping curbing around the entire house.
- New mulch
- \$52,000 retaining wall and deck addition to create a pad for pool/swim spa with an infinity feel overlooking the MN River Bluffs view. Completely drain tiled, compacted, 25 tons of limestone 8-12' rock on slope to prevent any erosion. 12" of compacted limestone class-5 rock on the actual pad pool pad.
- Added above ground pool w. filtration system and pump (in garage during the off season, but comes with the house)
- \$26,120 Completely new gravity fed Septic System fall of 2021 w. directional bore for drain field at lower elevation approximately 65' SW of house down the hill to leave room for an outbuilding just west of the house. All new tanks, drain field, etc.

Attachment 2—Photos from May 5, 2022, site visit

535 Lakota Lane – front of house (discharge points circled in yellow)



535 Lakota Lane – front of house (discharge points circled in yellow)



535 Lakota Lane – west side of house (discharge points circled in yellow)



535 Lakota Lane – west side of house (discharge points circled in yellow)



535 Lakota Lane – west side of house (discharge points circled in yellow)



535 Lakota Lane – south side of house, under existing deck



535 Lakota Lane – south side of house, under new deck



535 Lakota Lane – south side of house



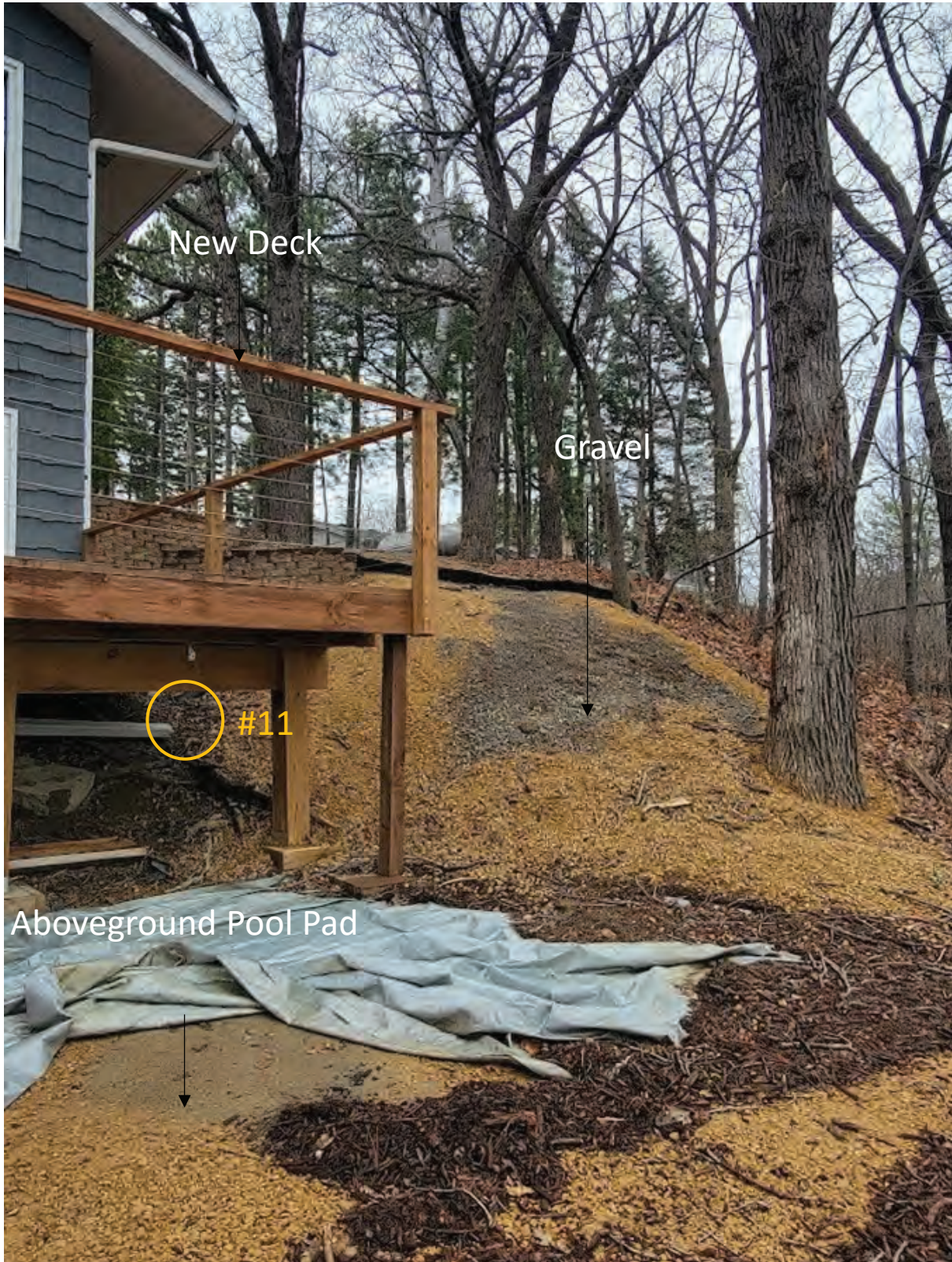
535 Lakota Lane – south side of house



535 Lakota Lane – Close up of Point #11



535 Lakota Lane – south side of house



535 Lakota Lane – east side of house



535 Lakota Lane – east retaining walls



535 Lakota Lane – east side of house (discharge points circled in yellow)



535 Lakota Lane – south view from aboveground pool pad





CITY OF CHANHASSEN

Chanhassen is a Community for Life - Providing for Today and Planning for Tomorrow

May 25, 2022

FINAL NOTICE

ECO Real Estate Holdings LLC
P.O. Box 1199
Clark, CO 80428

Re: 535 Lakota Lane – Work Without Permit

Dear ECO Real Estate Holdings LLC:

On April 18, 2022 the City sent a letter making you aware of several violations of City Code on your property and requesting that you work with staff to address these issues. Staff has not received a response to this letter and as a result, staff sent a second letter requiring that you provide a timeline for addressing the issues by May 20, 2022. To date, no timeline has been received. If the issues listed below are not addressed by **June 10, 2022**, the City will begin enforcement actions.

As a reminder, based on the information available and staffs' observations during a site visit on April 12, 2022, staff believes the following items will need to be addressed:

Planning Department:

- Probable encroachment into required bluff setback and impact zone
 - Deck addition
 - Retaining wall
 - Pool pad and above-ground pool
 - Grading and vegetation removal associated with limestone around pool pad
- As-built/updated survey needed to accurately depict current conditions on property and determine exact extent and nature of encroachment into the bluff setback and impact zone
- If survey shows alterations made within bluff setback and bluff impact zone, one of the following must be done:
 - Remove alterations and restore bluff area to pre-existing conditions
 - Request an after-the-fact variance
 - The City may not grant all or part of the requested variance
 - If elements of the variance request are not granted, they would need to be removed
 - If elements of the variance are granted, the City would impose conditions to mitigate the impact of the various elements

Questions about these requirements can be addressed to the City's Associate Planner, MacKenzie Young-Walters at 952-227-1132 or mwalters@ci.chanhassen.mn.us.

Environmental Resources:

- Tree removal within bluff. A survey of trees removed from the bluff, including diameter and species will be needed.

PH 952.227.1100 • www.ci.chanhassen.mn.us • FX 952.227.1110

7700 MARKET BOULEVARD • PO BOX 147 • CHANHASSEN • MINNESOTA 55317

RN 0030

535 Lakota Lane
 May 25, 2022
 Page 2

- Based on extent of removals, native trees will be required to be planted to restore the bluff to pre-removal conditions.

Questions about this requirement can be addressed to the City's Environmental Resource Specialist, Jill Sinclair at 952-227-1133 or [jsinclair@ci.chanhassen.mn.us](mailto:j Sinclair@ci.chanhassen.mn.us).

Water Resources Department:

- A survey of the stormwater-related improvements including but not limited to the concrete apron and drain tile installation will be needed to understand the extent of the work completed. Additional stipulations may be required from the findings of the survey.
- The site must be permanently stabilized to prevent erosion and sediment transport. After completion of any work related to this letter, the homeowner shall schedule an erosion control inspection with the City and address any issues from that inspection.

Questions about this requirement can be addressed to the City's Water Resources Engineer, Joe Seidl at 952-227-1168 or jseidl@ci.chanhassen.mn.us.

Building Department:

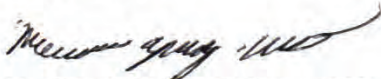
- Permits for the following exterior improvements need to be obtained:
 - Deck addition
 - New footings and railings on existing deck
 - Windows, exterior doors, garage overhead door
 - Porch converted into master bedroom

In addition to the permits needed for exterior improvements, permits are required for interior improvements that have been completed. We have several photos showing interior improvements and have received a list of 50 improvements that have been made to the property within the last three years. The list is included with this letter. Items on the list highlighted in green have been permitted and items in red were completed without permits. Please contact the Building Department to schedule an interior walkthrough of the property. Staff would ask that you or your representative accompany us for this process. Once staff walks through the property, we can begin to provide you with a path towards compliance with the Building Code.

To schedule a walkthrough of the property or if you have any questions about Building Code/permit requirements, please contact the City's Building Official, Eric Tessman at 952-227-1199 or etessman@ci.chanhassen.mn.us.

Your cooperation in correcting these issues is appreciated.

Respectfully,



MacKenzie Young-Walters, AICP
 Associate Planner

cc: Eric Tessman, Building Official
 Jill Sinclair, Environmental Resources Specialist
 Joe Seidl, Water Resources Engineer

g:\plan\code enforcement\535 lakota\joint letter 535 lakota_3rd notice.docx

RN 0031

535 Lakota Lane
 May 25, 2022
 Page 3

List of Improvements in past 3 years

Building permit obtained

Building permit needed

Zoning permit needed

- New Roof, ice & water, roof vents, etc.
- All new windows (17) LoE high efficiency windows
- All new moldings, casing, baseboard, etc.
- All new subfloor on main level
- Main level ceiling removed; raised 6" and all new drywall
- All new blown in cellulose insulation in attic space
- All walls that were opened – closed cell spray foam insulated
- All new solid pine interior doors – 100% of the house
- New overhead garage door w. windows
- New fire door to garage
- New double glass French door at entry
- New footings on deck
- New laminate beams and posts added to support master suite over deck
- Screened in porch converted to massive master suite
- Added WC to master bath, completely gutted and added huge his/her shower, all heated ceramic tile, everything new.
- Added large master closet w. barn doors, custom – California style shelving and hangers
- Roughed in 220V for baseboard heat if needed in owner's suite addition, but has not been needed. Very efficient as it was all spray foamed.
- All 3 bathrooms completely renovated with new plumbing, custom tile work, vanities, flooring, etc.
- All new engineered hardwood and carpet on main level.
- All new cabinets, vanities, moldings, crown, custom wood wraps on HVAC duct work, beams, etc.
- Added walls to create 3rd bedroom on main level and closet.
- Added built in cabinets and butcher block top/entertainment center w. data conduit center in main level living room
- All new countertops (white granite in main kitchen, quartz in bathrooms, and butcher block in lower level kitchen).
- Wall removed separating dining area from kitchen; and custom island installed w. prep sink.
- All new plumbing w. pex supply lines, drain pipes, frost proof silcocks
- All new HVAC duct work, air supplies, and cold air returns (house was previously on electric baseboard heat)
- New high efficiency furnace
- Added New A.C. Condensing Unit and hook ups/plumbing
- New Water Heater
- New Washer & Dryer

535 Lakota Lane
 May 25, 2022
 Page 4

- All new appliances in (2) kitchens
- Commercial style finish in laundry/hobby room with butcher block counter tops, custom sink, built in cabinets, etc.
- Added drain tile and sump pump in the basement (French drain style to sump basket).
- All new drywall in lower level ceiling.
- All new recessed lights and light fixtures throughout house
- All new paint throughout the interior and exterior
- Created mudroom off garage with custom bench and bead board coat hooks.
- Patching and skim coat of garage concrete floor, painted garage
- Added concrete apron w. drain for rainwater runoff
- Seal coated entire driveway
- Replaced roof, siding, door, and painted shed
- Graded, seeded, and repaired over 1/2 of front/side yard
- Installed underground electric dog fence around the entire perimeter of house and back yard, trenched in driveway.
- Added custom mulch and pruned all trees, extensive cleanup of over grown shrubs, etc. in yard
- Added a great RV parking space on east side of house w. limestone driveway and electric hookup
- Added custom concrete landscaping curbing around the entire house.
- New mulch
- \$52,000 retaining wall and deck addition to create a pad for pool/swim spa with an infinity feel overlooking the MN River Bluffs view. Completely drain tiled, compacted, 25 tons of limestone 8-12' rock on slope to prevent any erosion. 12" of compacted limestone class-5 rock on the actual pad pool pad.
- Added above ground pool w. filtration system and pump (in garage during the off season, but comes with the house)
- \$26,120 Completely new gravity fed Septic System fall of 2021 w. directional bore for drain field at lower elevation approximately 65' SW of house down the hill to leave room for an outbuilding just west of the house. All new tanks, drain field, etc.



CITY OF CHANHASSEN

Chanhassen is a Community for Life - Providing for Today and Planning for Tomorrow

July 25, 2022

ECO Real Estate Holdings LLC
P.O. Box 1199
Clark, CO 80428

Re: 535 Lakota Lane – Work Without Permit

Dear ECO Real Estate Holdings LLC:

In response to the City's notice of violations regarding your property at 535 Lakota Lane, you had indicated that you would meet with staff to apply for the required building permits during the last week of June. To date, no permit applications have been received. Based on staff's April 12, 2022 site visit, it appears that the structure is in violation of the Building Code (most recent enforcement letter attached for reference). If permit applications are not filed by **August 11, 2022**, the City will revoke the building's Certificate of Occupancy (relevant rule attached).

If you have any questions about Building Code/permit requirements, please contact the City's Building Official, Eric Tessman, at 952-227-1199 or etessman@ci.chanhassen.mn.us.

Your cooperation in correcting these issues is appreciated.

Respectfully,

MacKenzie Young-Walters, AICP
Associate Planner

Enclosures

cc: Eric Tessman, Building Official
Jill Sinclair, Environmental Resources Specialist
Joe Seidl, Water Resources Engineer

g:\plan\code enforcement\535 lakota\joint letter 535 lakota_co.docx

PH 952.227.1100 • www.ci.chanhassen.mn.us • FX 952.227.1110

7700 MARKET BOULEVARD • PO BOX 147 • CHANHASSEN • MINNESOTA 55317

RN 0034

1300.0220 CERTIFICATE OF OCCUPANCY.

Subpart 1. **Use and occupancy.** No building or structure shall be used or occupied, and no change in the existing occupancy classification of a building, structure, or portion of a building or structure shall be made until the building official has issued a certificate of occupancy for the building or structure under this part. Issuance of a certificate of occupancy is not approval of a violation of the code or other ordinances of the municipality. Certificates presuming to give authority to violate or cancel the code or other ordinances of the municipality are not valid.

Exception: A municipality has the option of requiring certificates of occupancy for:

- A. "U" occupancies constructed under the International Building Code;
- B. accessory structures constructed under the International Residential Code; or
- C. used manufactured homes moved into or within a jurisdiction.

Subp. 2. **Existing structures.** The legal occupancy of any structure existing on the date of adoption of the code shall be permitted to continue without change.

Subp. 3. **Change in use.** Changes in the character or use of an existing structure must comply with chapter 1305 or 1311.

Subp. 4. **Moved buildings.** Buildings or structures moved into or within a jurisdiction shall comply with the provisions of the code for new buildings or structures.

Exception:

- A. buildings designed to comply with chapter 1311; or
- B. a residential building relocated within or into a municipality need not comply with the Minnesota Energy Code or Minnesota Statutes, section 326B.439.

Subp. 5. **Certificate issued.** After the building official inspects a building or structure and finds no violations of the code or other laws that are enforced by the Department of Building Safety, the building official shall issue a certificate of occupancy containing the following:

- A. the building permit number;
- B. the address of the structure;
- C. the name and address of the owner;
- D. a statement that the described portion of the structure has been inspected for compliance with the requirements of the code for the occupancy and division of occupancy and the use for which the proposed occupancy is classified;
- E. the name of the building official;

- F. the edition of the code under which the permit was issued;
- G. the use and occupancy classification;
- H. the type of construction;
- I. if an automatic sprinkler system is provided; and
- J. any special stipulations and conditions of the building permit.

Subp. 6. **Temporary occupancy.** The building official is authorized to issue a temporary certificate of occupancy before the completion of the entire work covered by the permit, provided that the portion or portions shall be occupied safely. The building official shall set a time period during which the temporary certificate of occupancy is valid.

Subp. 7. **Revocation.** The building official may issue a written suspension or revocation of a certificate of occupancy issued under the code if the certificate is issued in error or on the basis of incorrect information supplied, or if the building or use of the building, structure, or portion of the building or structure is in violation of any ordinance or regulation or a provision of the code.

Statutory Authority: *MS s 16B.59; 16B.61; 16B.64; 326B.02; 326B.101; 326B.106; 326B.13*

History: *27 SR 1471; 32 SR 5; L 2007 c 140 art 4 s 61; art 13 s 4; 39 SR 91*

Published Electronically: *January 23, 2015*



CITY OF CHANHASSEN

Chanhassen is a Community for Life - Providing for Today and Planning for Tomorrow

May 25, 2022

FINAL NOTICE

ECO Real Estate Holdings LLC
P.O. Box 1199
Clark, CO 80428

Re: 535 Lakota Lane – Work Without Permit

Dear ECO Real Estate Holdings LLC:

On April 18, 2022 the City sent a letter making you aware of several violations of City Code on your property and requesting that you work with staff to address these issues. Staff has not received a response to this letter and as a result, staff sent a second letter requiring that you provide a timeline for addressing the issues by May 20, 2022. To date, no timeline has been received. If the issues listed below are not addressed by **June 10, 2022**, the City will begin enforcement actions.

As a reminder, based on the information available and staffs' observations during a site visit on April 12, 2022, staff believes the following items will need to be addressed:

Planning Department:

- Probable encroachment into required bluff setback and impact zone
 - Deck addition
 - Retaining wall
 - Pool pad and above-ground pool
 - Grading and vegetation removal associated with limestone around pool pad
- As-built/updated survey needed to accurately depict current conditions on property and determine exact extent and nature of encroachment into the bluff setback and impact zone
- If survey shows alterations made within bluff setback and bluff impact zone, one of the following must be done:
 - Remove alterations and restore bluff area to pre-existing conditions
 - Request an after-the-fact variance
 - The City may not grant all or part of the requested variance
 - If elements of the variance request are not granted, they would need to be removed
 - If elements of the variance are granted, the City would impose conditions to mitigate the impact of the various elements

Questions about these requirements can be addressed to the City's Associate Planner, MacKenzie Young-Walters at 952-227-1132 or mwalters@ci.chanhassen.mn.us.

Environmental Resources:

- Tree removal within bluff. A survey of trees removed from the bluff, including diameter and species will be needed.

PH 952.227.1100 • www.ci.chanhassen.mn.us • FX 952.227.1110

7700 MARKET BOULEVARD • PO BOX 147 • CHANHASSEN • MINNESOTA 55317

RN 0037

535 Lakota Lane
 May 25, 2022
 Page 2

- Based on extent of removals, native trees will be required to be planted to restore the bluff to pre-removal conditions.

Questions about this requirement can be addressed to the City's Environmental Resource Specialist, Jill Sinclair at 952-227-1133 or jsinclair@ci.chanhassen.mn.us.

Water Resources Department:

- A survey of the stormwater-related improvements including but not limited to the concrete apron and drain tile installation will be needed to understand the extent of the work completed. Additional stipulations may be required from the findings of the survey.
- The site must be permanently stabilized to prevent erosion and sediment transport. After completion of any work related to this letter, the homeowner shall schedule an erosion control inspection with the City and address any issues from that inspection.

Questions about this requirement can be addressed to the City's Water Resources Engineer, Joe Seidl at 952-227-1168 or jseidl@ci.chanhassen.mn.us.

Building Department:

- Permits for the following exterior improvements need to be obtained:
 - Deck addition
 - New footings and railings on existing deck
 - Windows, exterior doors, garage overhead door
 - Porch converted into master bedroom

In addition to the permits needed for exterior improvements, permits are required for interior improvements that have been completed. We have several photos showing interior improvements and have received a list of 50 improvements that have been made to the property within the last three years. The list is included with this letter. Items on the list highlighted in green have been permitted and items in red were completed without permits. Please contact the Building Department to schedule an interior walkthrough of the property. Staff would ask that you or your representative accompany us for this process. Once staff walks through the property, we can begin to provide you with a path towards compliance with the Building Code.

To schedule a walkthrough of the property or if you have any questions about Building Code/permit requirements, please contact the City's Building Official, Eric Tessman at 952-227-1199 or etessman@ci.chanhassen.mn.us.

Your cooperation in correcting these issues is appreciated.

Respectfully,



MacKenzie Young-Walters, AICP
 Associate Planner

cc: Eric Tessman, Building Official
 Jill Sinclair, Environmental Resources Specialist
 Joe Seidl, Water Resources Engineer

g:\plan code enforcement\535 lakota joint letter 535 lakota_3rd notice.docx

535 Lakota Lane
 May 25, 2022
 Page 3

List of Improvements in past 3 years

Building permit obtained

Building permit needed

Zoning permit needed

- New Roof, ice & water, roof vents, etc.
- All new windows (17) LoE high efficiency windows
- All new moldings, casing, baseboard, etc.
- All new subfloor on main level
- Main level ceiling removed; raised 6" and all new drywall
- All new blown in cellulose insulation in attic space
- All walls that were opened – closed cell spray foam insulated
- All new solid pine interior doors – 100% of the house
- New overhead garage door w. windows
- New fire door to garage
- New double glass French door at entry
- New footings on deck
- New laminate beams and posts added to support master suite over deck
- Screened in porch converted to massive master suite
- Added WC to master bath, completely gutted and added huge his/her shower, all heated ceramic tile, everything new.
- Added large master closet w. barn doors, custom – California style shelving and hangers
- Roughed in 220V for baseboard heat if needed in owner's suite addition, but has not been needed. Very efficient as it was all spray foamed.
- All 3 bathrooms completely renovated with new plumbing, custom tile work, vanities, flooring, etc.
- All new engineered hardwood and carpet on main level.
- All new cabinets, vanities, moldings, crown, custom wood wraps on HVAC duct work, beams, etc.
- Added walls to create 3rd bedroom on main level and closet.
- Added built in cabinets and butcher block top/entertainment center w. data conduit center in main level living room
- All new countertops (white granite in main kitchen, quartz in bathrooms, and butcher block in lower level kitchen).
- Wall removed separating dining area from kitchen; and custom island installed w. prep sink.
- All new plumbing w. pex supply lines, drain pipes, frost proof silcocks
- All new HVAC duct work, air supplies, and cold air returns (house was previously on electric baseboard heat)
- New high efficiency furnace
- Added New A.C. Condensing Unit and hook ups/plumbing
- New Water Heater
- New Washer & Dryer

535 Lakota Lane
 May 25, 2022
 Page 4

- All new appliances in (2) kitchens
- Commercial style finish in laundry/hobby room with butcher block counter tops, **custom sink**, built in cabinets, etc.
- **Added drain tile and sump pump in the basement (French drain style to sump basket).**
- All new drywall in lower level ceiling.
- **All new recessed lights and light fixtures throughout house**
- All new paint throughout the interior and exterior
- Created mudroom off garage with custom bench and bead board coat hooks.
- Patching and skim coat of garage concrete floor, painted garage
- **Added concrete apron w. drain for rainwater runoff**
- Seal coated entire driveway
- Replaced roof, **siding, door**, and painted shed
- Graded, seeded, and repaired over 1/2 of front/side yard
- Installed underground electric dog fence around the entire perimeter of house and back yard, trenched in driveway.
- Added custom mulch and pruned all trees, extensive cleanup of over grown shrubs, etc. in yard
- **Added a great RV parking space on east side of house w. limestone driveway and electric hookup**
- **Added custom concrete landscaping curbing around the entire house.**
- New mulch
- **\$52,000 retaining wall and deck addition to create a pad for pool/swim spa with an infinity feel overlooking the MN River Bluffs view. Completely drain tiled, compacted, 25 tons of limestone 8-12' rock on slope to prevent any erosion. 12" of compacted limestone class-5 rock on the actual pad pool pad.**
- Added above ground pool w. filtration system and pump (in garage during the off season, but comes with the house)
- **\$26,120 Completely new gravity fed Septic System fall of 2021 w. directional bore for drain field at lower elevation approximately 65' SW of house down the hill to leave room for an outbuilding just west of the house. All new tanks, drain field, etc.**



CITY OF CHANHASSEN

Chanhassen is a Community for Life - Providing for Today and Planning for Tomorrow

August 17, 2022

ECO Real Estate Holdings LLC
P.O. Box 1199
Clark, CO 80428

Re: 535 Lakota Lane – Revoked Certificate of Occupancy

Dear ECO Real Estate Holdings LLC:

On July 25th the City informed you that as a result of your failure to apply for the required building permits for the improvements made to 535 Lakota Lane the City would revoke the home's Certificate of Occupancy if the required permit applications were not submitted by August 11, 2022. To date, no building permit applications have been received.

For this reason, effective immediately, the Certificate of Occupancy for the house located at 535 Lakota Lane in Chanhassen Minnesota is hereby revoked.

Please contact me at 952-227-1199 or etessman@ci.chanhassen.mn.us if you have any questions about Building Code/permit requirements and what will be required to obtain a new Certificate of Occupancy.

Respectfully,

Eric Tessman
Building Official

Enclosures

ec: MacKenzie Young-Walters, AICP, Associate Planner
Jill Sinclair, Environmental Resources Specialist
Joe Seidl, Water Resources Engineer

g:\plan\code enforcement\535 lakota\joint letter 535 lakota_co.docx

PH 952.227.1100 • www.ci.chanhassen.mn.us • FX 952.227.1110

7700 MARKET BOULEVARD • PO BOX 147 • CHANHASSEN • MINNESOTA 55317

RN 0041

1300.0220 CERTIFICATE OF OCCUPANCY.

Subpart 1. **Use and occupancy.** No building or structure shall be used or occupied, and no change in the existing occupancy classification of a building, structure, or portion of a building or structure shall be made until the building official has issued a certificate of occupancy for the building or structure under this part. Issuance of a certificate of occupancy is not approval of a violation of the code or other ordinances of the municipality. Certificates presuming to give authority to violate or cancel the code or other ordinances of the municipality are not valid.

Exception: A municipality has the option of requiring certificates of occupancy for:

- A. "U" occupancies constructed under the International Building Code;
- B. accessory structures constructed under the International Residential Code; or
- C. used manufactured homes moved into or within a jurisdiction.

Subp. 2. **Existing structures.** The legal occupancy of any structure existing on the date of adoption of the code shall be permitted to continue without change.

Subp. 3. **Change in use.** Changes in the character or use of an existing structure must comply with chapter 1305 or 1311.

Subp. 4. **Moved buildings.** Buildings or structures moved into or within a jurisdiction shall comply with the provisions of the code for new buildings or structures.

Exception:

- A. buildings designed to comply with chapter 1311; or
- B. a residential building relocated within or into a municipality need not comply with the Minnesota Energy Code or Minnesota Statutes, section 326B.439.

Subp. 5. **Certificate issued.** After the building official inspects a building or structure and finds no violations of the code or other laws that are enforced by the Department of Building Safety, the building official shall issue a certificate of occupancy containing the following:

- A. the building permit number;
- B. the address of the structure;
- C. the name and address of the owner;
- D. a statement that the described portion of the structure has been inspected for compliance with the requirements of the code for the occupancy and division of occupancy and the use for which the proposed occupancy is classified;
- E. the name of the building official;

- F. the edition of the code under which the permit was issued;
- G. the use and occupancy classification;
- H. the type of construction;
- I. if an automatic sprinkler system is provided; and
- J. any special stipulations and conditions of the building permit.

Subp. 6. **Temporary occupancy.** The building official is authorized to issue a temporary certificate of occupancy before the completion of the entire work covered by the permit, provided that the portion or portions shall be occupied safely. The building official shall set a time period during which the temporary certificate of occupancy is valid.

Subp. 7. **Revocation.** The building official may issue a written suspension or revocation of a certificate of occupancy issued under the code if the certificate is issued in error or on the basis of incorrect information supplied, or if the building or use of the building, structure, or portion of the building or structure is in violation of any ordinance or regulation or a provision of the code.

Statutory Authority: *MS s 16B.59; 16B.61; 16B.64; 326B.02; 326B.101; 326B.106; 326B.13*

History: *27 SR 1471; 32 SR 5; L 2007 c 140 art 4 s 61; art 13 s 4; 39 SR 91*

Published Electronically: *January 23, 2015*



LMRWD Individual Permit Application

535 Lakota after-the-fact permit

Organization Contact Info	Authorization Agent Contact Info
Andrew Polski	Andrew Polski
27918 Silver Spurt St, Steamboat Springs, CO, 80487	27918 Silver Spurt St, Steamboat Springs, CO, 80487
andrewpolski@gmail.com	andrewpolski@gmail.com
+17636396522	+17636396522

General Project Info	Project Area Details
Name of Proposed Project	Proposed Project Location
535 Lakota after-the-fact permit	535 Lakota Lane, Chaska, MN, 55318
Type of development	Total Project Area (acres)
Residential	2.70
Anticipated Start Date	Total Disturbed Area (acres)
01-May-2023	0.20
Existing Land Use	Existing Impervious Area (acres)
Residential	2.30
Proposed Land Use	Proposed New Impervious Area (acres)
Residential	2.10
Is the project in an unincorporated area?	Is this project in the MnDOT right-of-way?
No	No
Is the project located in a High Value Resource Area?	Is the project located in a Steep Slope Overlay District?
No	Yes
Is the project located in a floodplain	
No	

Project Description

After-the-fact permit required per Linda Loomis for retaining wall/pad in the back yard, storm water, sump pump discharge points, etc.

Rules**Fees****Rule Applicability (check all that apply)****Permit Fee Amount**

Stormwater Management
Steep Slopes

\$ 250.00

Exhibits**Exhibit title****Signature****Full name of property owner or designated agent**

Andrew Polski

Type I Trench Design

DATE: 5/15/2019

CLIENT: Eco RealEstate Holdings Inc.
510 Pleasant View Road
Chanhassen, MN 55317

SITE: 535 Lakota Lane
Chaska, MN 55318

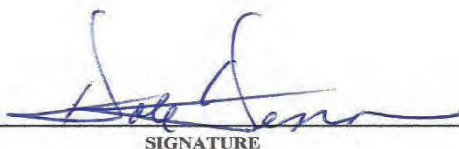
DESIGNER: Dale J Denn
HomeStead Septic
1108 Goldenrod Lane
Shakopee, MN 55379
MPCA License #583
Cell: 612-310-7887
Email: Homesteadseptic@outlook.com

For new construction lots, all septic sites shall be protected in the field with fencing/identification up to the time of installation. Existing home lots, do not disturb septic site and keep all heavy equipment and vehicles off of the site. Any trees that need removal must be done without rubber tired equipment, ie, track machines to avoid soil compaction and undue disturbance. Cut tree trucks as close to surface as possible and leave stumps intact, do not excavate. Grinding is ok with a portable grinder.

Contact Dale Denn with any questions, comments, or concerns about this Septic Design.


This Cover Page with Designer Signature, electronic or otherwise, hereby certifies that I have completed this septic design in accordance with all applicable State Septic Rules. Local rules may vary from State Rules. Installer to verify all aspects of applicable Local Rules and setbacks that may be more restrictive than State Rules. Local Units of Governments are required to publish any rule or portion thereof that differs from State Rules. Consult with Local Unit of Government.

Dale Denn
DESIGNER


SIGNATURE

3226
MPCA CERT #

5/15/2019
DATE

Property Card		Parcel ID Number 251300020			
Taxpayer Information					
Taxpayer Name ECO REAL ESTATE HOLDINGS LLC					
Mailing Address 510 PLEASANTVIEW RD CHANHASSEN, MN 55317-					
Property Address					
Address 535 LAKOTA LN					
City CHASKA, MN 55318					
Parcel Information					
Uses	Res 1 unit	GIS Acres	2.93	Net Acres	
		Deeded Acres			
		Plat	BLUFFVIEW ADDITION		
		Lot	002		
		Block			
Tax Description					
Building Information					
Building Style	1 Story Frame	Above Grade Finished Sq Ft	2318	Bedrooms	4
Year Built	1978	Garage	Y		
Miscellaneous Information					
School District	Watershed District	Homestead	Green Acres	Ag Preserve	
0112	WS 060 LOWER MN RIVER	N	N	N	
Assessor Information					
Estimated Market Value	2018 Values (Payable 2019)	2019 Values (Payable 2020)	Last Sale		
Land	\$171,900.00	\$180,500.00	Date of Sale	7/11/2018	
Building	\$375,500.00	\$388,900.00	Sale Value	\$333,000.00	
Total	\$547,400.00	\$569,400.00			

The data provided herewith is for reference purposes only. This data is not suitable for legal, engineering, surveying or other similar purposes. Carver County does not guarantee the accuracy of the information contained herein. This data is furnished on an 'as is' basis and Carver County makes no representations or warranties, either expressed or implied, for the merchantability or fitness of the information provided for any purpose. This disclaimer is provided pursuant to Minnesota Statutes §466.03 and the user of the data provided herein acknowledges that Carver County shall not be liable for any damages, and by using this data in any way expressly waives all claims, and agrees to defend, indemnify, and hold harmless Carver County, its officials, officers, agents, employees, etc. from any and all claims brought by anyone who uses the information provided for herein, its employees or agents, or third parties which arise out of user's access. By acceptance of this data, the user agrees not to transmit this data or provide access to it or any part of it to another party unless the user includes with the data a copy of this disclaimer.

Friday, May 17, 2019

Carver County, MN

RN 0047



Preliminary Evaluation Worksheet



1. Contact Information v 04.02.2019

Property Owner/Client: Date Completed:

Site Address: Project ID:

Email: Phone:

Mailing Address:

Legal Description:

Parcel ID: TWP: SEC: RNG:

2. Flow and General System Information

A. Client-Provided Information

Project Type: New Construction Replacement Expansion Repair

Project Use: Residential Other Establishment:

Residential use: # Bedrooms: Dwelling Sq.ft.: Unfinished Sq. Ft.:

Adults: # Children: # Teenagers:

In-home business (Y/N): If yes, describe:

Water-using devices: *(check all that apply)*

<input checked="" type="checkbox"/> Garbage Disposal/Grinder	<input checked="" type="checkbox"/> Dishwasher	<input type="checkbox"/> Hot Tub*
<input checked="" type="checkbox"/> Sewage pump in basement	<input checked="" type="checkbox"/> Water Softener*	<input checked="" type="checkbox"/> Sump Pump*
<input type="checkbox"/> Large Bathtub >40 gallons	<input type="checkbox"/> Iron Filter*	<input type="checkbox"/> Self-Cleaning Humidifier*
<input checked="" type="checkbox"/> Clothes Washing Machine	<input checked="" type="checkbox"/> High Eff. Furnace*	<input type="checkbox"/> Other: <input type="text"/>

* Clear water source - should not go into system

Additional current or future uses:

Anticipated non-domestic waste:

The above is complete & accurate:

Client signature & date

B. Designer-determined flow Information *Attach additional information as necessary.*

Design Flow: GPD Anticipated Waste Type:

BOD: mg/L TSS mg/L Oil & Grease mg/L

#	Description	Mn. ID#	Well Depth (ft.)	Casing Depth (ft.)	Confining Layer	STA Setback	Source
1			>50	50		50'	
2							
3							
4							

Additional Well Information:



Preliminary Evaluation Worksheet



Site within 200' of noncommunity transient well (Y/N)	<input type="checkbox"/> No	Yes, source: <input style="width: 80%;" type="text"/>
Site within a drinking water supply management area (Y/N)	<input type="checkbox"/> No	Yes, source: <input style="width: 80%;" type="text"/>
Site in a Well Head Protection inner wellhead management zone (Y/N)	<input type="checkbox"/> No	Yes, source: <input style="width: 80%;" type="text"/>
Buried water supply pipes within 50 ft of proposed system (Y/N)	<input type="checkbox"/> No	
B. Site located in a shoreland district/area?	<input type="checkbox"/> Yes	Yes, name: <input style="width: 80%;" type="text"/>
Elevation of ordinary high water level:	<input style="width: 50%;" type="text"/> ft	Source: <input style="width: 80%;" type="text"/>
Classification: <input style="width: 150%;" type="text"/>	Tank Setback: <input style="width: 50%;" type="text"/> 50 ft.	STA Setbk: <input style="width: 50%;" type="text"/> 50 ft.
C. Site located in a floodplain?	<input type="checkbox"/> No	Yes, Type(s): <input style="width: 80%;" type="text"/>
Floodplain designation/elevation (10 Year):	<input style="width: 50%;" type="text"/> ft	Source: <input style="width: 80%;" type="text"/>
Floodplain designation/elevation (100 Year):	<input style="width: 50%;" type="text"/> ft	Source: <input style="width: 80%;" type="text"/>
D. Property Line Id / Source:	<input type="checkbox"/> Owner <input checked="" type="checkbox"/> Survey <input checked="" type="checkbox"/> County GIS <input type="checkbox"/> Plat Map <input type="checkbox"/> Other: <input style="width: 80%;" type="text"/>	
E. ID distance of relevant setbacks on map:	<input checked="" type="checkbox"/> Water <input checked="" type="checkbox"/> Easements <input checked="" type="checkbox"/> Well(s) <input checked="" type="checkbox"/> Building(s) <input checked="" type="checkbox"/> Property Lines <input type="checkbox"/> OHWL <input type="checkbox"/> Other: <input style="width: 80%;" type="text"/>	

4. Preliminary Soil Profile Information From Web Soil Survey (attach map & description)

Map Units:	<input style="width: 95%;" type="text" value="Lester/Kilkenny Loams"/>	Slope Range:	<input style="width: 80%;" type="text" value="15-30"/> %
List landforms:	<input style="width: 95%;" type="text" value="Upland Summit/River Terrace"/>		
Landform position(s):	<input style="width: 95%;" type="text" value="Back/ Side Slope"/>		
Parent materials:	<input style="width: 95%;" type="text" value="Till"/>		
	Depth to Bedrock/Restrictive Feature: <input style="width: 50%;" type="text" value="66+"/> in	Depth to Watertable: <input style="width: 50%;" type="text" value="66+"/> in	
Map Unit Ratings	Septic Tank Absorption Field- At-grade: <input style="width: 95%;" type="text"/>		
	Septic Tank Absorption Field- Mound: <input style="width: 95%;" type="text"/>		
	Septic Tank Absorption Field- Trench: <input style="width: 95%;" type="text"/>		

5. Local Government Unit Information

Name of LGU:	<input style="width: 95%;" type="text" value="City of Chanhassen"/>
LGU Contact:	<input style="width: 95%;" type="text" value="Eric"/>
LGU-specific setbacks:	<input style="width: 95%;" type="text" value="Same as 7080 but have Bluff Ordinance"/>
LGU-specific design requirements:	<input style="width: 95%;" type="text" value="Same as 7080 but have Bluff Ordinance"/>
LGU-specific installation requirements:	<input style="width: 95%;" type="text" value="Same as 7080 but have Bluff Ordinance"/>
Notes:	<input style="width: 95%; height: 30px;" type="text"/>



Field Evaluation Worksheet

m MINNESOTA POLLUTION
CONTROL AGENCY

1. Project Information		v 04.02.2019
Property Owner/Client:	Eco Realstate Holdings Inc	Project ID: <input type="text"/>
Site Address:	535 Lakota Lane, Chaska, MN 55318	Date Completed: 5/15/2019
2. Utility and Structure Information		
Utility Locations Identified	<input type="checkbox"/> Gopher State One Call # <input type="text"/>	<input type="checkbox"/> Any Private Utilities: <input type="text"/>
Locate and Verify (see Site Evaluation map)	<input checked="" type="checkbox"/> Existing Buildings	<input checked="" type="checkbox"/> Improvements <input checked="" type="checkbox"/> Easements <input checked="" type="checkbox"/> Setbacks
3. Site Information		
Vegetation type(s):	Forest	Landscape position: Back/ Side Slope
Percent slope:	15 %	Slope shape: Linear, Concave
		Slope direction: south
Describe the flooding or run-on potential of site:	sheet flow over in-ground trenches	
Describe the need for Type III or Type IV system:	<input type="text"/>	
Note:	<input type="text"/>	
Elevations and Benchmarks identified on map? (Y/N):	Yes	If yes, describe: basement floor 100'
Proposed soil treatment area protected? (Y/N):	Yes	If yes, describe: in Woods on steep slope
4. General Soils Information		
Filled, Compacted, Disturbed areas (Y/N):	No	
If yes, describe:	<input type="text"/>	
Soil observations were conducted in the proposed system location (Y/N):	Yes	
A soil observation in the most limiting area of the proposed system (Y/N):	Yes	
Number of soil observations:	3	Soil observation logs attached (Y/N): Yes
		Percolation tests performed & attached (Y/N): No
5. Phase I. Reporting Information		
	Depth	Elevation
Periodically saturated soil:	66 in	81.1 ft
Standing water:	<input type="text"/> in	<input type="text"/> ft
Bedrock:	<input type="text"/> in	<input type="text"/> ft
Benchmark:	<input type="text"/>	100 ft
Benchmark Location:	basement floor	
Differences between soil survey and field evaluation:	sandy soil, more like outwash on stream terrace	
Site evaluation issues / comments:	Trees and stumps have to be removed. Some large.	
Anticipated construction issues:	steep slope to drainfield site, drainfield area 15%	





Soil Observation Log

Project ID: v 04.02.2019

Client: Eco Realstate Holdings Inc		Location / Address: 535 Lakota Lane, Chaska, MN 55318							
Soil parent material(s): (Check all that apply) <input checked="" type="checkbox"/> Outwash <input checked="" type="checkbox"/> Lacustrine <input type="checkbox"/> Loess <input checked="" type="checkbox"/> Till <input type="checkbox"/> Alluvium <input type="checkbox"/> Bedrock <input type="checkbox"/> Organic Matter									
Landscape Position: (check one) <input type="checkbox"/> Summit <input type="checkbox"/> Shoulder <input checked="" type="checkbox"/> Back/Side Slope <input type="checkbox"/> Foot Slope <input type="checkbox"/> Toe Slope		Slope shape: Linear, Concave							
Vegetation: Forest	Soil survey map units: Lester/Kilkenny	Slope %:	Elevation: 84.1						
Weather Conditions/Time of Day: clear and sunny/pm		Date: 05/15/19							
Observation #/Location: B1									
Depth (in)	Texture	Rock Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	Shape	Grade	Consistence
0-16	Sandy Loam	<35%	10yr 2/2				Granular	Moderate	Friable
16-27	Sandy Loam	<35	10yr 2/2	10yr 3/3			Granular	Moderate	Friable
27-50	Loamy Sand	<35	10yr 4/3				Granular	Moderate	Friable
50-72	Fine Sand	<35%	10yr 5/3				Single grain		
Comments: No ReDox seen to 72"									
I hereby certify that I have completed this work in accordance with all applicable ordinances, rules and laws.									
Date		Signature		583		5/15/2019			
(Designer/Inspector)		(Signature)		(License #)		(Date)			



Additional Soil Observation Logs

Project ID:

Client: Eco Realestate Holdings Inc		Location / Address: 535 Lakota Lane, Chaska, MN 55318							
Soil parent material(s): (Check all that apply) <input checked="" type="checkbox"/> Outwash <input checked="" type="checkbox"/> Lacustrine <input type="checkbox"/> Loess <input checked="" type="checkbox"/> Till <input type="checkbox"/> Alluvium <input type="checkbox"/> Bedrock <input type="checkbox"/> Organic Matter									
Landscape Position: (check one) <input type="checkbox"/> Summit <input type="checkbox"/> Shoulder <input checked="" type="checkbox"/> Back/Side Slope <input type="checkbox"/> Foot Slope <input type="checkbox"/> Toe Slope		Slope shape: Linear, Concave							
Vegetation: Forest	Soil survey map units: Lester/Killkenny		Elevation: 15.0						
Weather Conditions/Time of Day: clear and sunny/PM		Date: 05/15/19							
Observation #/Location: B2		Observation Type: Auger							
Depth (in)	Texture	Rock Frag. %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Indicator(s)	Shape	Grade	Consistence
0-6	sandy loam	<35%	10yr 3/2				Granular	Moderate	Friable
6-17	sandy loam	<35%	10yr 4/3	10yr 3/3			Granular	Moderate	Friable
17-23	Med/C Sand	35-50%	10yr 4/4	10yr 5/4			Granular	Moderate	Friable
23-30	sandy loam	<35%	10yr 4/4	10yr 5/4			Granular	Moderate	Friable
30-72	sandy loam	<35%	10yr 4/4	10yr 5/4			Single grain		
Comments: No redox to 72"									



Design Summary Page



1. PROJECT INFORMATION		v 04.02.2019
Property Owner/Client:	<input type="text" value="ECO Realestate Holdings Inc"/>	Project ID: <input type="text"/>
Site Address:	<input type="text" value="535 lakota Lane, Chaska, 55318"/>	Date: <input type="text" value="05/15/17"/>
Email Address:	<input type="text"/>	Phone: <input type="text" value="763-639-6562"/>
2. DESIGN FLOW & WASTE STRENGTH Attach data / estimate basis for Other Establishments		
Design Flow:	<input type="text" value="750"/> GPD	Anticipated Waste Type: <input type="text" value="Residential"/>
BOD:	<input type="text"/> mg/L	TSS: <input type="text"/> mg/L
Oil & Grease:	<input type="text"/> mg/L	
Treatment Level:	<input type="text" value="C"/> <i>Select Treatment Level C for residential septic tank effluent</i>	
3. HOLDING TANK SIZING		
Minimum Capacity: Residential = 400 gal/bedroom, Other Establishment = Design Flow x 5.0, Minimum size 1000 gallons		
Code Minimum Holding Tank Capacity:	<input type="text"/> Gallons	in <input type="text"/> Tanks or Compartments
Recommended Holding Tank Capacity:	<input type="text"/> Gallons	in <input type="text"/> Tanks or Compartments
Type of High Level Alarm:	<input type="text"/> (Set @ 75% tank capacity)	
Comments:	<input type="text"/>	
4. SEPTIC TANK SIZING		
A. Residential dwellings:		
Number of Bedrooms (Residential):	<input type="text" value="5"/>	
Code Minimum Septic Tank Capacity:	<input type="text" value="2250"/> Gallons	in <input type="text" value="2"/> Tanks or Compartments
Recommended Septic Tank Capacity:	<input type="text" value="2250"/> Gallons	in <input type="text" value="2"/> Tanks or Compartments
Effluent Screen & Alarm (Y/N):	<input type="text" value="No"/> Model/Type: <input type="text"/>	
B. Other Establishments:		
Waste received by:	<input type="text"/> <input type="text"/> GPD x <input type="text"/> Days Hyd. Retention Time	
Code Minimum Septic Tank Capacity:	<input type="text"/> Gallons	In <input type="text"/> Tanks or Compartments
Recommended Septic Tank Capacity:	<input type="text"/> Gallons	In <input type="text"/> Tanks or Compartments
Effluent Screen & Alarm (Y/N):	<input type="text"/> Model/Type: <input type="text"/>	
5. PUMP TANK SIZING		
Pump Tank 1 Capacity (Minimum):	<input type="text" value="1060"/> Gal	Pump Tank 2 Capacity (Minimum): <input type="text"/> Gal
Pump Tank 1 Capacity (Recommended):	<input type="text" value="1060"/> Gal	Pump Tank 2 Capacity (Recommended): <input type="text"/> Gal
Pump 1 <input type="text" value="42.0"/> GPM Total Head	<input type="text" value="18.3"/> ft	Pump 2 <input type="text"/> GPM Total Head <input type="text"/> ft
Supply Pipe Dia. <input type="text" value="2.00"/> in	Dose Vol: <input type="text" value="187.0"/> gal	Supply Pipe Dia. <input type="text"/> Dose Vol: <input type="text"/> Gal



Design Summary Page



6. SYSTEM AND DISTRIBUTION TYPE		Project ID:	
Soil Treatment Type:	<input type="text" value="Trench"/>	Distribution Type:	<input type="text" value="Gravity Distribution"/>
Elevation Benchmark:	<input type="text" value="100"/> ft	Benchmark Location:	<input type="text" value="bsmnt floor"/>
MPCA System Type:	<input type="text" value="Type I"/>	Distribution Media:	<input type="text" value="Registered Product:"/>
Type III/IV Details:	<input type="text"/>		<input type="text" value="EZ Flo"/>

7. SITE EVALUATION SUMMARY:			
Describe Limiting Condition: <input type="text" value="Redoximorphic Features/Saturated Soils"/>			
Layers with >35% Rock Fragments? (yes/no) <input type="text" value="No"/> If yes, describe below: % rock and layer thickness, amount of soil credit and any additional information for addressing the rock fragments in this design.			
Note: <input type="text"/>			
Limiting Condition:	<input type="text" value="66"/> inches	Depth	<input type="text" value="5.5"/> ft
Minimum Req'd Separation:	<input type="text" value="36"/> inches	Depth	<input type="text" value="3.0"/> ft
Code Max System Depth:	<input type="text" value="30"/> inches	Depth	<input type="text" value="2.5"/> ft
		Elevation	<input type="text" value="78.6"/> ft
		Elevation	<input type="text" value="81.6"/> ft
<i>Critical for system compliance</i>			
This is the maximum depth to the bottom of the distribution media. Negative Depth (ft) means it must be a mound.			
Soil Texture:	<input type="text" value="Loamy Sand"/>		
Soil Hyd. Loading Rate:	<input type="text" value="1.00"/> GPD/ft ²	Percolation Rate:	<input type="text" value="4.00"/> MPI
Contour Loading Rate:	<input type="text" value="13"/>	Note:	<input type="text"/>
Measured Land Slope:	<input type="text" value="15.0"/> %	Note:	<input type="text"/>
Comments:	<input type="text" value="use center feed distribution and break trenches into 7 equal sections. (15% rule)"/>		

8. SOIL TREATMENT AREA DESIGN SUMMARY			
Trench:			
Dispersal Area	<input type="text" value="720"/> ft ²	Sidewall Depth	<input type="text" value="12"/> in
Total Lineal Feet	<input type="text" value="240"/> ft	Trench Width	<input type="text" value="3"/> ft
Contour Loading Rate	<input type="text" value="13.0"/> ft	No. of Trenches	<input type="text" value="4"/>
		Code Max. Trench Depth	<input type="text" value="30.0"/> in
		Min. Length	<input type="text" value="58"/> ft
		Designed Trench Depth	<input type="text" value="30/up side"/> in
Bed:			
Dispersal Area	<input type="text"/>	Sidewall Depth	<input type="text"/>
Bed Width	<input type="text"/>	Maximum Bed Depth	<input type="text"/>
		Bed Length	<input type="text"/>
		Designed Bed Depth	<input type="text"/>
Mound:			
Dispersal Area	<input type="text"/>	Bed Length	<input type="text"/>
Absorption Width	<input type="text"/>	Bed Width	<input type="text"/>
Upslope Berm Width	<input type="text"/>	Clean Sand Lift	<input type="text"/>
Total System Length	<input type="text"/>	Berm Width (0-1%)	<input type="text"/>
		Downslope Berm	<input type="text"/>
		Endslope Berm Width	<input type="text"/>
		System Width	<input type="text"/>
		Contour Loading Rate	<input type="text"/>

Project ID: #REF!



Design Summary Page



At-Grade:

Bed Width ft Bed Length ft Finished Height ft
 Contour Loading Rate gal/ft Upslope Berm ft Downslope Berm ft
 Endslope Berm ft System Length ft System Width ft

Level & Equal Pressure Distribution

No. of Laterals Perforation Spacing ft Perforation Diameter in
 Lateral Diameter in Min Dose Volume gal Max Dose Volume gal

Non-Level and Unequal Pressure Distribution

	Elevation (ft)	Pipe Size (in)	Pipe Volume (gal/ft)	Pipe Length (ft)	Perf Size (in)	Spacing (ft)	Spacing (in)	
Lateral 1								Minimum Dose Volume <input type="text"/> gal
Lateral 2								
Lateral 3								
Lateral 4								Maximum Dose Volume <input type="text"/> gal
Lateral 5								
Lateral 6								

9. Additional Info for At-Risk, HSW or Type IV Design

A. Starting BOD Concentration = Design Flow X Starting BOD (mg/L) X 8.35 ÷ 1,000,000

gpd X mg/L X 8.35 ÷ 1,000,000 = lbs. BOD/day

B. Target BOD Concentration = Design Flow X Target BOD (mg/L) X 8.35 ÷ 1,000,000

gpd X mg/L X 8.35 ÷ 1,000,000 = lbs. BOD/day

Lbs. BOD To Be Removed:

PreTreatment Technology: *Must Meet or Exceed Target

Disinfection Technology: *Required for Levels A & B

C. Organic Loading to Soil Treatment Area:

mg/L X gpd x 8.35 ÷ 1,000,000 ÷ ft² = lbs./day/ft²

10. Comments/Special Design Considerations:

I hereby certify that I have completed this work in accordance with all applicable ordinances, rules and laws.

<input type="text"/> Dale Denn (Designer)	<input type="text"/> (Signature)	<input type="text" value="583"/> (License #)	<input type="text" value="5/15/2019"/> (Date)
---	-------------------------------------	---	--



Trench Design Worksheet



1. SYSTEM SIZING: Project ID: _____ v 04.02.2019

A. Design Flow: GPD

B. Code Maximum Depth: inches Designers Maximum Depth: inches

C. Soil Loading Rate: GPD/ft² Contour Loading Rate: gal/ft

D. Required Bottom Area: Design Flow (1.A) ÷ Loading Rate (1.C) = Initial Required Bottom Area
 GPD ÷ GPD/ft² = ft²

E. Select Dispersal Media: Rock
 (selection required) Registered Product

F. Select Distribution Method: Pressure Gravity-Drop Box
 Gravity-Other

G. If distribution media is installed in contact with sand or loamy sand or with a percolation rate of 0.1 to 5 mpi indicate distribution or treatment method:

2. TRENCH CONFIGURATION: ROCK

A.	Initial required trench bottom area (ft ²): (from 1.D)	Sidewall Absorption (inches)	Bottom Area Reduction	Bottom Area Multiplier	Design trench bottom area
		6 to 11		1	
		12 to 17	20%	0.8	
		18 to 23	34%	0.66	
		24	40%	0.6	

B. Select Sidewall Height: inches = ft

C. Design Bottom Area (2.A): ft²

D. Select Trench Width: ft

E. Total Designed Trench Length: Bottom Area ÷ Trench Width = Total Required Trench Length
 ft² ÷ ft = ft

F. Calculate Minimum length of each trench based on Contour Loading Rate: Design Flow ÷ CLR =
 gpd ÷ gal/ft = ft

G. Number of Trenches: Minimum base on CLR Designed Number of Trenches

H. Length per trench = Actual Trench Length ÷ Number of Trenches (recommended to be equal or exceed 2F)
 ft ÷ = ft

J. Select Trench Spacing : ft (typically 5 - 12 ft from center to center)

K. Calculate Lawn Area: Trench Length (2.E) X Trench Spacing (2.G) = square feet of lawn area
 ft X ft = ft² lawn area

L. Select Depth Required to Cover Distribution Pipe: ft (0.33 ft for pressure, 0.5 ft for gravity)

M. Calculate Rock Volume: (Sidewall Height (2.B) + Depth to Cover Pipe (2.J)) X Bottom Area (2.C) = cubic feet ÷ 27 = cubic yards
 (ft + ft) X ft² = ft³ ÷ 27 yd³

3. TRENCH CONFIGURATION: REGISTERED PRODUCTS - CHAMBERS AND EZFLOW

A.	Initial required trench bottom area (ft ²): (from 1.D)	Sidewall Absorption (inches)	Bottom Area Reduction	Bottom Area Multiplier	Design trench bottom area
		6 to 11		1	
		12 to 17	20%	0.8	
		18 to 23	34%	0.66	
		24	40%	0.6	

B. Registered Product:

EZ Flow

Check registered product information for specific application details and design

C. Select Sidewall Height:

12 inches = 1.0 ft

D. Design Bottom Area (3.A):

720 ft²

E. Registered Width:

3 ft

F. Minimum Designed Trench Length = Bottom Area (3.C) ÷ Trench Width (3.D)

720 ft² ÷ 3.0 ft = 240 ft

G. Enter the Registered Product Component Length:

10 ft

H. Number of Components = Minimum Total Length Required divided by Component Length (Round up)

240 ft ÷ 10 ft = 24 components

I. Actual Total Trench Length = Number of Components X Component Length:

24 components X 10.0 ft = 240 ft

J. Calculate Minimum length per trench based on Contour Loading Rate: Design Flow ÷ CLR =

750.0 gpd ÷ 13.0 gal/ft = 57.7 ft

K. Select No. of Trenches:

4 Minimum based on CLR 4 Designers Number of Trenches

L. Length per trench = Actual Trench Length ÷ Number of Trenches. *Recommended* to be equal or exceed 3.J.

240.0 ft ÷ 4 trenches = 60.0 ft

M. Select Trench Spacing:

12 ft (typically 5 - 12 ft from center to center)

N. Calculate Lawn Area: Trench Length X Trench Spacing = square feet of lawn area

240 ft X 12 ft = 2880 ft² lawn area

Comments:

HomeStead Septic
 1108 Goldenrod Lane
 Shakopee, MN 55379
 612-310-7887
 Homesteadseptic@outlook.com

Invoice

Number 1135

Date 10/16/2020

Bill To

Andy Polski
 Eco RealEstate Holdings Inc.
 510 Pleasant View Road
 Chanhassan, MN, 55317

Job Description

535 Lakota Septic Installation

Terms: Net 15 Days from Date of Invoice.

Job Details	Quantity/	Price/Rate	Amount
Estimate	1.00	\$26,120.00	\$26,120.00
Credit #4226 9/15	1.00	(\$1,220.00)	(\$1,220.00)
Credit - less tree removal	1.00	(\$750.00)	(\$750.00)
Credit - Core Drilling	1.00	(\$400.00)	(\$400.00)
Credit - Old tank abatement	1.00	(\$500.00)	(\$500.00)
Credit - if no bluff restoration?	1.00	(\$1,000.00)	(\$1,000.00)

Invoice Total:	\$22,250.00
----------------	-------------

Amount Paid: \$8,000.00

Amount Due \$14,250.00



CITY OF CHANHASSEN

Chanhassen is a Community for Life - Providing for Today and Planning for Tomorrow

SSTS Certificate of Compliance (COC)			
SSTS Permit #:	2020-02253	Site Address:	535 Lakota Lane
Type of Work:	New System	COC Expire Date:	10/29/2025
System Information and Specifications			
SSTS Type:	Type 1	Treatment Type:	C
Bedrooms:	5	Gallons Per Day:	750
Septic Tank Capacity:	2250	Lift Tank Capacity:	
Residential:	yes	Other Establishment:	
Garbage Disposal	No	Lift in the Basement:	No
Comments:			

Property Owner:	Eco Real Estate Holdings Inc.
------------------------	-------------------------------

Designer:	Homestead Septic – Dale Denn	Phone:	612-310-7887
License #:	C3226	Expiration:	12/30/2020

Installer	Homestead Septic – Dale Denn	Phone:	612-310-7887
License #:	C3226	Expiration:	12/31/2020

This document serves as a Certificate of Compliance (COC) for this recently installed/repaired subsurface sewage treatment system (SSTS).

The issuance of this COC does not certify that the work of the SSTS Installer is free from defects in the construction of the SSTS and it does not guarantee future hydraulic performance of the SSTS to treat sewage. Unknown site conditions during construction, materials used, water usage, wastewater strength, abuse of the SSTS, and the amount of maintenance will affect the performance and longevity of the SSTS. The owner should periodically refer to the Septic System Owners Guide for the proper use, maintenance and record keeping for this SSTS.

Inspector:	Eric Tessman	Signature	<i>Eric Tessman</i>
License #:	C465	Date	11/2/20
Certificate of Compliance Valid Until: 10/29/2025			

PH 952.227.1100 • www.ci.chanhassen.mn.us • FX 952.227.1110

7700 MARKET BOULEVARD - PO BOX 147 - CHANHASSEN - MINNESOTA 55317

RN 0061

CITY OF CHANHASSEN, MINNESOTA
Phone: 952-227-1180 • Fax: 952-227-1190 • www.ci.chanhassen.mn.us

INSPECTION FOR Distribution System DATE 10/12
TIME/DATE INSPECT, DESIRED 2:00 10/13-wed PERMIT NO. 20-12253
ADDRESS 535 Lakota Ln
PERMITTEE Homestead TAKEN BY: cm

RE-INSPECT REQUIRED CORRECT & PROCEED OK TO PROCEED FINAL OK

CORRECTIONS

- 1) 4" schedule 40 pipe from tanks to trenches
- line buried in
- 2) 7 trenches total - 10' or greater between
- 5 trenches at 3' x 30' x 30" deep
- 1 trench at 3' x 20' x 30" deep
- 3) filter fabric provided over top ez flow
- 4) old tanks pumped - tanks had no bottoms, tanks
filled with sand
- 5) New Tanks - Tank 1: 1250 gal - mfg date: 10-8-20
Tank 2: 1000 gal - mfg date: 7-1-19
- 6) 36" pipe brought

Make corrections as listed above and schedule a re-inspection. You may not cover, conceal or proceed with construction in any areas that require correction until authorized by the building official.

Date 10/12/20 Time 2:30 pm
Inspector ET

INSPECTION REPORT
CITY OF CHANHASSEN, MINNESOTA
Phone: 952-227-1180 • Fax: 952-227-1190 • www.ci.chanhassen.mn.us

INSPECTION FOR SSIS Final DATE _____
TIME/DATE INSPECT, DESIRED 10/29 PERMIT NO. 20-02253
ADDRESS 535 Lakota Ln
PERMITTEE Homestead TAKEN BY: _____

RE-INSPECT REQUIRED CORRECT & PROCEED OK TO PROCEED FINAL OK

CORRECTIONS

- 1) Reers on tanks brought to surface
- 2) Tanks covered with inspection pipes
brought to surface
- Final SSIS inspection OK

Make corrections as listed above and schedule a re-inspection. You may not cover, conceal or proceed with construction in any areas that require correction until authorized by the building official.

Date 2:00 pm Time 10/29/20
Inspector ET