

Department of Environmental Quality
Northwest Region

700 NE Multnomah Street, Suite 600 Portland, OR 97232 (503) 229-5263 FAX (503) 229-6945 TTY 711

October 11, 2023

Mindy Schell 223 Foy Rd Madison, AL 35758

RE: Annual Inspection for Parcels BL, MBK-F, & part of AI

North Ridge Estates Superfund Site

ECSI No. 6015

Dear Mindy Schell:

The Oregon Department of Environmental Quality completed an annual inspection of the protective cap on your property located on North Ridge Drive during the week of July 3, 2023. The protective cap appears to be in good condition with a few minor areas to watch. Enclosed for your information is a summary of the inspection.

The next inspection will be performed in June 2024. Please continue to contact DEQ prior to any disturbing any of the protective caps on your property with the exception of soil disturbances less then 2 feet below the ground surface. A fact sheet with additional information is enclosed.

If you have any questions, please contact me at 503-860-3943, or via email at Katie.Daugherty@deq.oregon.gov.

Sincerely,

Katie Daugherty, R.G.

Katia DAUGHERTY

Project Manager

NWR Cleanup UST Section

Enclosures

Digging at the North Ridge Estates Superfund Site

What do I need to do or know?

- 1) Perform all other normal permitting and utility locates as you would for any other project.
- 2) Be familiar with the types of protectives caps at North Ridge Estates. The protective cap is intended to prevent people's exposure to any remaining asbestoscontaminated materials, including asbestos fibers in soil. Protective caps include:
 - A two-foot layer of clean soil with vegetation
 - Asphalt and concrete surfaces, such as garage concrete floor or basement concrete floor
 - Boulders
 - Black liners installed below covered porches and in home crawl spaces
 - Orange liners below the soil cap
- 3) Review the terms of the Easement and Equitable Servitude (EES) document recorded on the deed of your property. Determine if your planned activity is within the area covered by restrictions outlined in the EES. Some properties on the edge of the Superfund site only have a portion of the property restricted. *General rule of thumb: if the area was excavated during the Superfund Cleanup, the area is restricted.* Can't find your EES? Contact the Oregon Department of Environmental Quality (DEQ) project manager and they will email you a copy.
- 4) All activities or uses that could jeopardize the function of the protective cap, are prohibited without prior written approval from the DEQ.
- 5) Follow the steps below for your specific activity.

I want to dig less than two feet - what are the required steps?

- 1) Minor activities are allowed within the *soil protective cap*, such as installing fence posts, planting, or other activities that go no deeper than two feet below the ground surface without prior written approval from DEQ.
- 2) You must fully restore the cap to the surface after the activities are completed.
- 3) Stop immediately and call the DEQ project manager if you see an orange liner. *No matter the depth!* You are entering an asbestos contamination zone and risk exposure to asbestos if you continue.



Example of Orange Liner. 2018. Installing marker barrier consisting of rock base and orange liner on Parcel B prior to covering with clean soil.



Example of Black Liner. 2018. Black liner with rock to hold in place on Parcel A.

I want to dig deeper than two feet, dig below a black or orange liner, dig through asphalt or concrete, or move boulders on my property - what are the required steps?

1) Fill out the *North Ridge Estates Earthwork Notification and Reporting Form* and submit this form to the DEQ project manager. Can't find the form? Contact the project manager and they will email you a copy.

The project manager will review the information provided in the form and work with you to determine the conditions under which your work may be performed.

If your work will breach the cap, you must, at your own expense, use an Oregon-licensed asbestos abatement company during any action that may disturb a contaminated area. Any excavated material, including soil, will be required to be disposed at a landfill. If the liner is damaged during work, you must replace it at your expense.

2) Once work is complete, fill out the reporting section of the *North Ridge Estates Earthwork Notification and Reporting Form* and return to the DEQ project manager.



Cleanup Program

700 NE Multnomah St.,

Suite 600

Portland, OR 97232 Phone: 503-860-3943

800-452-4011 Fax: 503-229-6124 Katie.Daugherty@deq.orego

n.gov

Contact: Katie Daugherty

www.oregon.gov/DEQ

DEQ is a leader in restoring, maintaining and enhancing the quality of Oregon's air, land and water.

Alternative formats

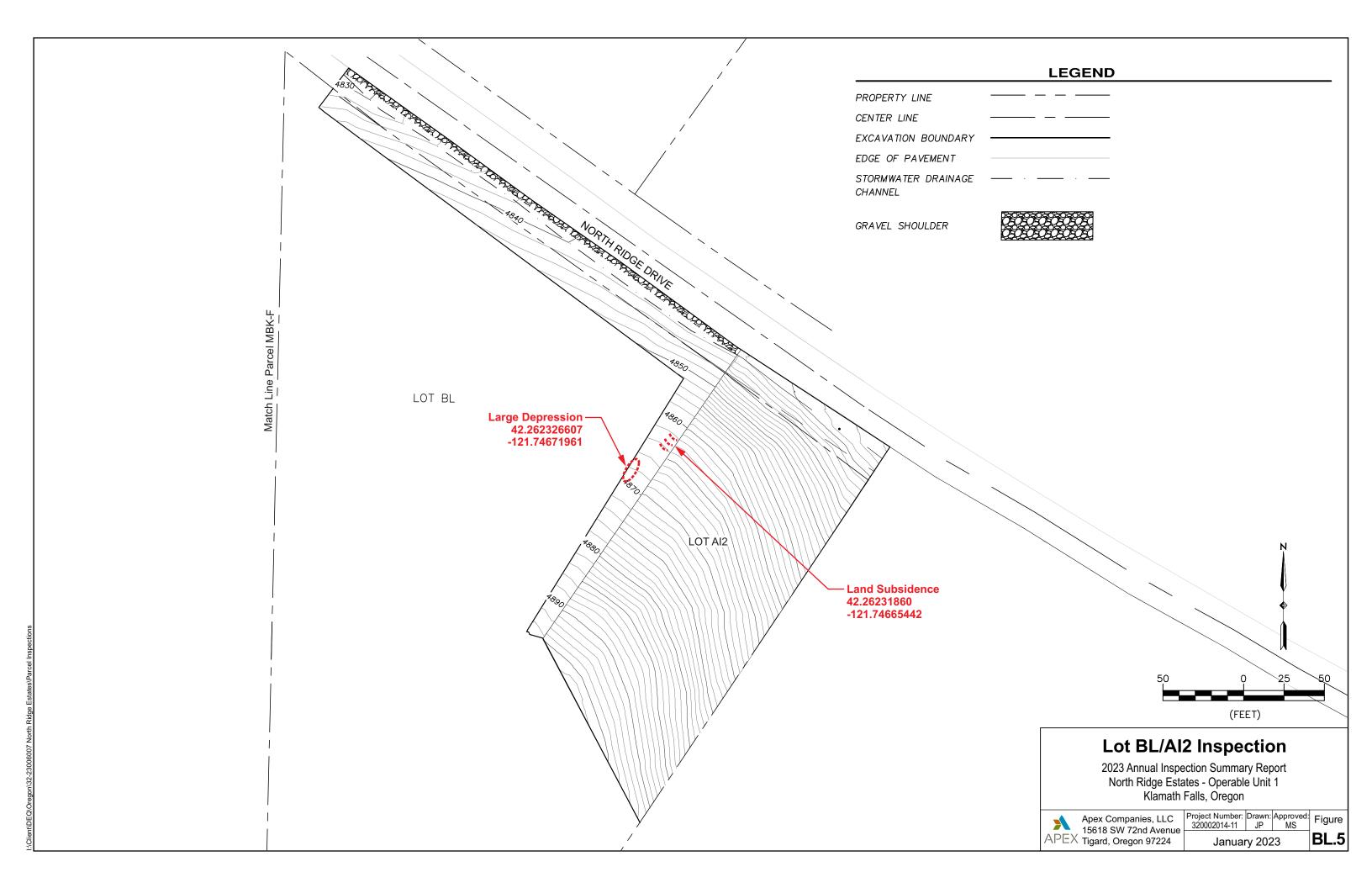
DEQ can provide documents in an alternate format or in a language other than English upon request. Call DEQ at 800-452-4011 or email deqinfo@deq.oregon.gov



Part I. Gen Site Name:	eral Site Information North Ridge Estates			01-1-10			0	and (Manually County)		Paras I/Tarri ID	Powed PI
·			State/Coun	-		· ·	gon (Klamath County)		Parcel/Tax ID:	Parcel BL	
EPA Point of Contact Linda Meyer (206) 553-6636			ODEQ Poin			Katie Daugherty (
Inspection Date:	7/5/20 nedy Performance Assessment	023		·	Person(s) Pe	erforming Inspection:	Alex Evernden (A	Apex Companies, LLC)		Person(s) Performing Inspection:	
	nedy Performance Assessment	Yes	Yes								
Remedy Component	Potential Problem	(Repair Needed)	(Monitor/ No Repair)	No	N/A			If Yes, Descri	e Extent of Problem		Describe Potential Repair Solution
	Have rills developed deeper than 2 inches?			×							
	Are the rills within a 10-foot interval?			×							
	Have gullies developed deeper than 6 inches?			×							
	Have animals created burrows in the protective cap?			×							
	Have vehicles damaged the protective cap?			×							
Protective Cap	Any evidence of ACM on Site including areas where the protective cap is less than 2 feet (see as-built drawings) or within the dripline of the legacy trees?			×							
	Are there areas that show evidence of unstable slopes, subsidence, or slope failure? Are there signs of active bank erosion and/or lateral cutting?		×			1	Land subsidence and large	depressions were present	on the southeast portion	of Parcel BL that adjoins Parcel Al.	
	Any visible ACM along the perimeter of the Site (where applicable)?			×							
ation	Evidence of distressed or sparse vegetation? (sparse vegetation no greater than 10 percent of area and bare areas no greater than 100 square feet)		×				Limited v	vegetation was identified o	n the south end of the up	oper gravel road.	
Vegetation	Evidence of trees and shrubs in distress?			×							
-	Are there any stressed or dying trees that may impact or damage the protective cap when felled?			×							

Operations and Maintenance Inspection Form

ø	Obstructions observed in ditches or culverts that may impede conveyance of stormwater?	×				
Ditches and Culverts	Damaged observed to riprap surface? Note if riprap is not intact or not effectively providing armor protection.		×			
Ditche	Are there any areas that show signs of excessive scour? (i.e., gullies forming along centerline of ditch)		×			
	Are culvert inlets and outlets damaged?		\boxtimes			
s and ays	Are the driveways showing signs of failure? (i.e., alligator cracking)			×	Driving surfaces are gravel. (Same as 2022)	
Driveways and Walkways	Are there any other signs of considerable damage to paved surfaces, other than normal wear and use?			×		
Crawlspaces and Decks	Are the liners inside crawlspaces and under covered decks damaged or punctured?			×		
Cra	Are the liners exposed to UV radiation?			×		
Access Controls	Are access controls damaged?		×			
Access (Are changes to the access controls needed?		×			
in Site	Are there any new site features installed that have damaged the protective cap?		×			
Changes Misc.						
Features /						
Miscellaneous Features / Changes in Site Conditions / Misc.						
Misce						





Parcel BL – Partial land subsidence in the Southeast side of Northern Excavation Area.



Parcel BL – Large depression located on the Southwest side of Northern Excavation Area.





Parcel BL – Northeast corner of Northern Excavation Area, facing Northwest.



Parcel BL – Northwest corner of parcel of Northern Excavation Area, facing Southeast.





Parcel BL – Central Corner of Northern Excavation Area, facing Southeast.



Parcel BL – Western corner of the Northern Excavation Area, facing Southeast.

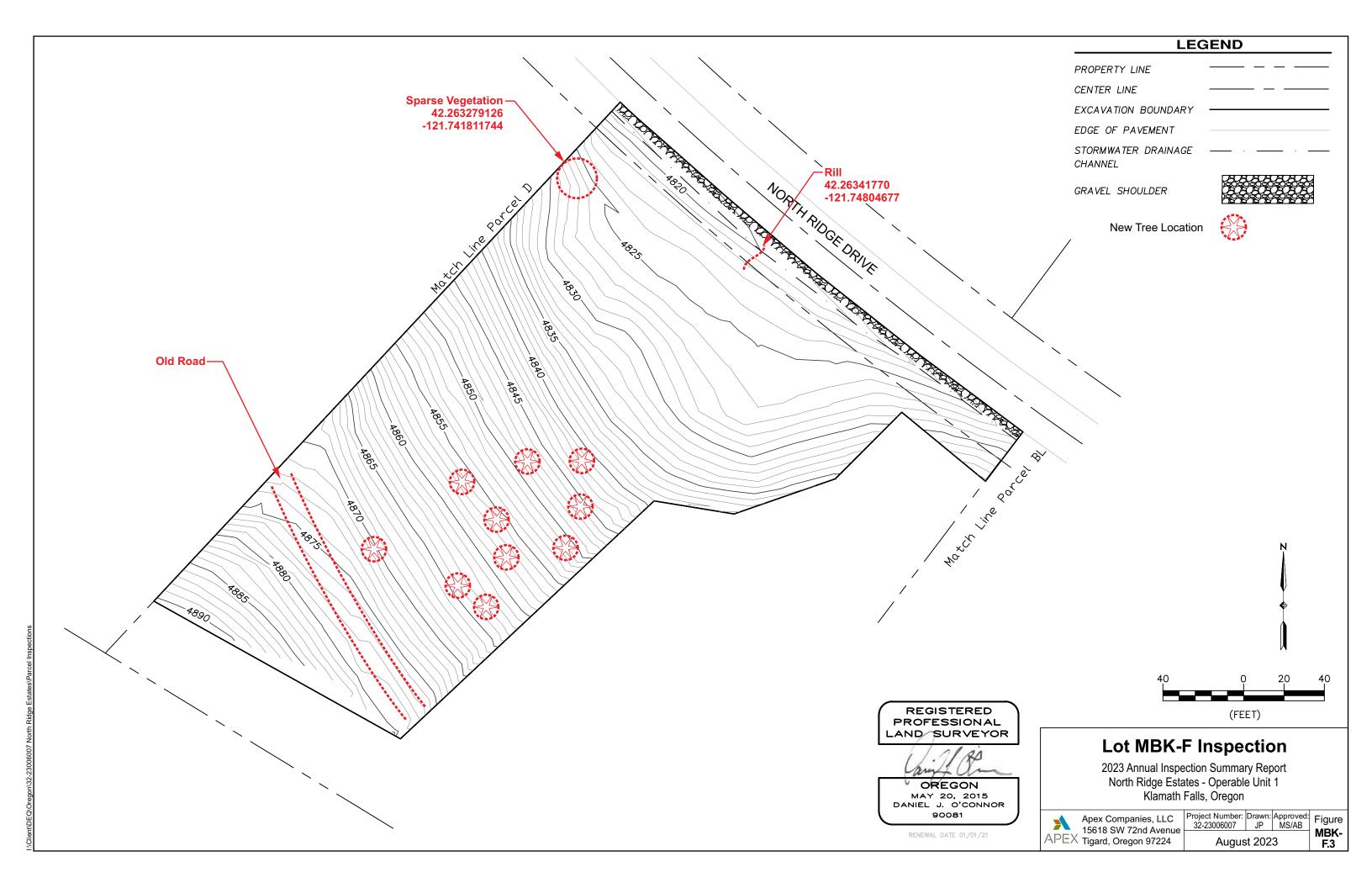




	eral Site Information									
-			State/Coun	ty:	Oregon (Klamath County) Parcel/Tax ID:			Parcel MBK-F		
EPA Point of Contact Linda Meyer (206) 553-6636		ODEQ Poin	t of Contact	t	Katie Daugherty (5	03) 860-3943				
Inspection Date:	7/4/20)23		F	Person(s) Pe	erforming Inspection:	Alex Evernden (Apex Companies, LLC)		Person(s) Performing Inspection:	
Part II. Rer	nedy Performance Assessment									
Remedy Component	Potential Problem	Yes (Repair Needed)	Yes (Monitor/ No Repair)	No	N/A		If Yes, D	Describe Extent of Problem		Describe Potential Repair Solution
	Have rills developed deeper than 2 inches?			×						
	Are the rills within a 10-foot interval?			×						
	Have gullies developed deeper than 6 inches?			×						
	Have animals created burrows in the protective cap?			×						
	Have vehicles damaged the protective cap?			×			No damage to cap, but an overgrown of	dirt road is present in the southwes	st corner of the parcel.	
Protective Cap	Any evidence of ACM on Site including areas where the protective cap is less than 2 feet (see as-built drawings) or within the dripline of the legacy trees?			×						
	Are there areas that show evidence of unstable slopes, subsidence, or slope failure? Are there signs of active bank erosion and/or lateral cutting?			×						
	Any visible ACM along the perimeter of the Site (where applicable)?			×						
	Evidence of distressed or sparse vegetation? (sparse vegetation no greater than 10 percent of area and bare areas no greater than 100 square feet)		_	×						
Veget	Evidence of trees and shrubs in distress?			×			A total of 10 new tre	es observed to be in healthy condit	tion.	
	Are there any stressed or dying trees that may impact or damage the protective cap when felled?			×						

Operations and Maintenance Inspection Form

	Obstructions observed in ditches or culverts that may impede conveyance of stormwater?		X		Black liner exposed in ditch on northeast corner of parcel.	
Ditches and Culverts	Damaged observed to riprap surface? Note if riprap is not intact or not effectively providing armor protection.			×		
Ditches	Are there any areas that show signs of excessive scour? (i.e., gullies forming along centerline of ditch)		×			
	Are culvert inlets and outlets damaged?			×		
and ys	Are the driveways showing signs of failure? (i.e., alligator cracking)			×		
Driveways and Walkways	Are there any other signs of considerable damage to paved surfaces, other than normal wear and use?			×		
Crawlspaces and Decks	Are the liners inside crawlspaces and under covered decks damaged or punctured?			×		
Cra	Are the liners exposed to UV radiation?	×				
Access Controls	Are access controls damaged?			×		
Access	Are changes to the access controls needed?			×		
s in Site	Are there any new site features installed that have damaged the protective cap?			×		
/ Change։ Misc.						
Features nditions /						
Miscellaneous Features / Changes in Site Conditions / Misc.						
Misce						





Parcel MBK-F – Northeast corner of Parcel, facing West.



Parcel MBK-F – New Rill present on the Northwest side of the Parcel.





Parcel MBK-F – North Central corner, facing Northwest.



Parcel MBK-F – Southwest corner of Parcel, facing Northeast.





Parcel MBK-F – Southeast corner of Parcel, facing Northwest.



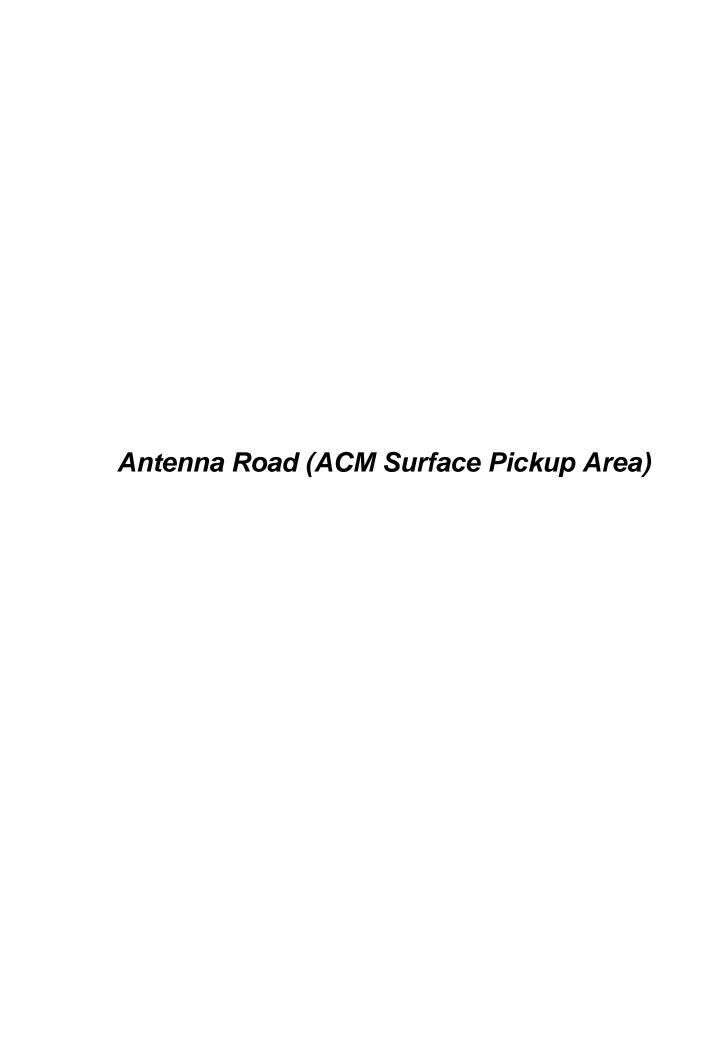
Parcel MBK-F – South Central corner of Parcel, facing Northwest.





Parcel MBK-F – Northwest corner of Parcel, facing Southwest.

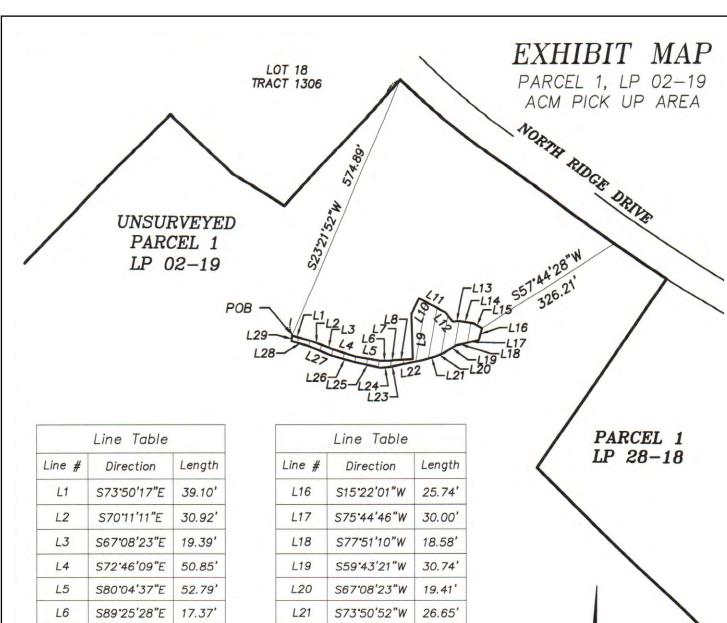




Part I. General Site Information Site Name: North Ridge Estates										<u> </u>
			State/Coun	-		Oregon (Klamath County	")	Parcel/Tax ID:	Antenna Road	
EPA Point of Contact Linda Meyer (206) 553-6636			ODEQ Poin			Katie Daugherty (503) 860-3943				
Inspection Date:	7/5/2	023		F	Person(s) Pe	erforming Inspection:	Alex Evernden (Apex Companies, LLC	0)	Person(s) Performing Inspection:	
Remedy Component	medy Performance Assessment Potential Problem	Yes (Repair	Yes (Monitor/	No	N/A		If Yes,	Describe Extent of Problem		Describe Potential Repair Solution
	Have rills developed deeper than 2 inches?	Needed)	No Repair)		×		No pr	rotective cap at this parcel.		
	Are the rills within a 10-foot interval?				×					
	Have gullies developed deeper than 6 inches?				×					
	Have animals created burrows in the protective cap?				×					
	Have vehicles damaged the protective cap?				×					
Protective Cap	Any evidence of ACM on Site including areas where the protective cap is less than 2 feet (see as-built drawings) or within the dripline of the legacy trees?		_		×					
	Are there areas that show evidence of unstable slopes, subsidence, or slope failure? Are there signs of active bank erosion and/or lateral cutting?				×					
	Any visible ACM along the perimeter of the Site (where applicable)?				×					
Vegetation	Evidence of distressed or sparse vegetation? (sparse vegetation no greater than 10 percent of area and bare areas no greater than 100 square feet)				×					
Vege	Evidence of trees and shrubs in distress?				×					
	Are there any stressed or dying trees that may impact or damage the protective cap when felled?				×					

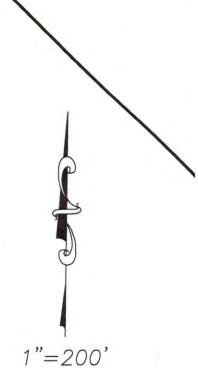
Operations and Maintenance Inspection Form

	Obstructions observed in ditches or culverts that may impede conveyance of stormwater?			X		
Ditches and Culverts	Damaged observed to riprap surface? Note if riprap is not intact or not effectively providing armor protection.			×		
Ditches	Are there any areas that show signs of excessive scour? (i.e., gullies forming along centerline of ditch)			×		
	Are culvert inlets and outlets damaged?			×		
s and iys	Are the driveways showing signs of failure? (i.e., alligator cracking)			×	Road is gravel and dirt.	
Driveways and Walkways	Are there any other signs of considerable damage to paved surfaces, other than normal wear and use?			×		
Crawlspaces and Decks	Are the liners inside crawlspaces and under covered decks damaged or punctured?			×		
Cra	Are the liners exposed to UV radiation?			X		
Access Controls	Are access controls damaged?		×		Gate is in place and locked to prevent unauthorized entry.	
Access	Are changes to the access controls needed?			X		
in Site	Are there any new site features installed that have damaged the protective cap?			×		
/ Changes Misc.						
Miscellaneous Features / Changes in Site Conditions / Misc.						
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Misce						



	Line Table	
Line #	Direction	Length
L1	S73*50'17"E	39.10'
L2	S70°11'11"E	30.92'
L3	S67°08'23"E	19.39
L4	S72'46'09"E	50.85
L5	S80°04'37"E	52.79
L6	S89°25'28"E	17.37
L7	N81°26'14"E	12.45
L8	N86°47'22"E	37.44
L9	N01°31'12"W	93.90'
L10	N26°19'39"E	36.10
L11	S61°34'20"E	61.89
L12	S39°56'15"E	25.23
L13	N82°52'46"E	11.99'
L14	S81°21'23"E	31.40'
L15	S60°08'11"E	20.58

	Line Table	
Line #	Direction	Length
L16	S15°22'01"W	25.74
L17	S75'44'46"W	30.00'
L18	S77°51'10"W	18.58'
L19	S59'43'21"W	30.74
L20	S67°08'23"W	19.41'
L21	S73°50'52"W	26.65
L22	S79°00'16"W	59.57
L23	S77*39'00"W	10.92'
L24	S85°06'15"W	19.61
L25	N77°34'10"W	55.22'
L26	N74°14'55"W	50.84
L27	N67'37'59"W	51.39
L28	N73°35'01"W	36.52
L29	N05°26'39"E	11.77



REGISTERED **PROFESSIONAL** AND SURVEYOR

KEITH R. RHINE RENEWAL DATE: 12-31-20

Antenna Road Inspection

2023 Annual Inspection Summary Report North Ridge Estates - Operable Unit 1 Klamath Falls, Oregon



Apex Companies, LLC 15618 SW 72nd Avenue APEX Tigard, Oregon 97224

Project Number: Drawn: Approved: 32-23006007 JP MS/AB September 2023

Figure ANT.3

Antenna Road



Antenna Road – Northeast corner of Parcel, facing West.



Antenna Road – West side of Parcel, facing Southeast.



Antenna Road



Antenna Road – East corner of Parcel, facing Northwest.



Antenna Road – North corner facing Southeast.

