



Texas Commission on Environmental Quality Waste Permits Division Correspondence Cover Sheet

Date: March 14, 2024

Facility Name: New Earth

Permit or Registration No.: 43032

Nature of Correspondence:

Initial/New

Response/Revision to TCEQ Tracking No.:
_____ (from subject line of TCEQ letter
regarding initial submission)

Affix this cover sheet to the front of your submission to the Waste Permits Division. Check appropriate box for type of correspondence. Contact WPD at (512) 239-2335 if you have questions regarding this form.

Table 1 - Municipal Solid Waste Correspondence

Applications	Reports and Notifications
<input type="checkbox"/> New Notice of Intent	<input type="checkbox"/> Alternative Daily Cover Report
<input type="checkbox"/> Notice of Intent Revision	<input type="checkbox"/> Closure Report
<input type="checkbox"/> New Permit (including Subchapter T)	<input type="checkbox"/> Compost Report
<input type="checkbox"/> New Registration (including Subchapter T)	<input type="checkbox"/> Groundwater Alternate Source Demonstration
<input type="checkbox"/> Major Amendment	<input type="checkbox"/> Groundwater Corrective Action
<input type="checkbox"/> Minor Amendment	<input type="checkbox"/> Groundwater Monitoring Report
<input type="checkbox"/> Limited Scope Major Amendment	<input type="checkbox"/> Groundwater Background Evaluation
<input type="checkbox"/> Notice Modification	<input type="checkbox"/> Landfill Gas Corrective Action
<input type="checkbox"/> Non-Notice Modification	<input type="checkbox"/> Landfill Gas Monitoring
<input type="checkbox"/> Transfer/Name Change Modification	<input type="checkbox"/> Liner Evaluation Report
<input type="checkbox"/> Temporary Authorization	<input type="checkbox"/> Soil Boring Plan
<input type="checkbox"/> Voluntary Revocation	<input type="checkbox"/> Special Waste Request
<input type="checkbox"/> Subchapter T Disturbance Non-Enclosed Structure	<input type="checkbox"/> Other:
<input checked="" type="checkbox"/> Other: Compost Registration Modification	

Table 2 - Industrial & Hazardous Waste Correspondence

Applications	Reports and Responses
<input type="checkbox"/> New	<input type="checkbox"/> Annual/Biennial Site Activity Report
<input type="checkbox"/> Renewal	<input type="checkbox"/> CPT Plan/Result
<input type="checkbox"/> Post-Closure Order	<input type="checkbox"/> Closure Certification/Report
<input type="checkbox"/> Major Amendment	<input type="checkbox"/> Construction Certification/Report
<input type="checkbox"/> Minor Amendment	<input type="checkbox"/> CPT Plan/Result
<input type="checkbox"/> CCR Registration	<input type="checkbox"/> Extension Request
<input type="checkbox"/> CCR Registration Major Amendment	<input type="checkbox"/> Groundwater Monitoring Report
<input type="checkbox"/> CCR Registration Minor Amendment	<input type="checkbox"/> Interim Status Change
<input type="checkbox"/> Class 3 Modification	<input type="checkbox"/> Interim Status Closure Plan
<input type="checkbox"/> Class 2 Modification	<input type="checkbox"/> Soil Core Monitoring Report
<input type="checkbox"/> Class 1 ED Modification	<input type="checkbox"/> Treatability Study
<input type="checkbox"/> Class 1 Modification	<input type="checkbox"/> Trial Burn Plan/Result
<input type="checkbox"/> Endorsement	<input type="checkbox"/> Unsaturated Zone Monitoring Report
<input type="checkbox"/> Temporary Authorization	<input type="checkbox"/> Waste Minimization Report
<input type="checkbox"/> Voluntary Revocation	<input type="checkbox"/> Other:
<input type="checkbox"/> 335.6 Notification	
<input type="checkbox"/> Other:	



Texas Commission on Environmental Quality

Application Form for Municipal Solid Waste Permit or Registration Modification or Temporary Authorization

Application Tracking Information

Facility Name: New Earth
Permittee or Registrant Name: New Earth, LLC
MSW Authorization Number: 42032
Initial Submission Date: March 14, 2024
Revision Date: _____

Instructions for completing this form are provided in [form TCEQ-20650-instr](#)¹. If you have questions, contact the Municipal Solid Waste Permits Section by email to mswper@tceq.texas.gov, or by phone at 512-239-2335.

Application Data

1. Submission Type
<input checked="" type="checkbox"/> Initial Submission <input type="checkbox"/> Notice of Deficiency (NOD) Response
2. Authorization Type
<input type="checkbox"/> Permit <input checked="" type="checkbox"/> Registration
3. Application Type
<input checked="" type="checkbox"/> Modification with Public Notice <input type="checkbox"/> Modification without Public Notice <input type="checkbox"/> Temporary Authorization (TA) <input type="checkbox"/> Modification for Name Change or Transfer
4. Application Fee
Amount The application fee for a modification or temporary authorization is \$150.
Payment Method
<input type="checkbox"/> Check <input checked="" type="checkbox"/> Online through ePay portal www3.tceq.texas.gov/epay/ If paid online, enter ePay Trace Number: <u>582EA000600268</u>

¹ www.tceq.texas.gov/downloads/permitting/waste-permits/msw/forms/20650-instr.pdf

5. Application URL

For modifications that require notice (other than those for arid exempt landfills), provide the URL address of a publicly accessible internet web site where the application and all revisions to the application will be posted:

6. Party Responsible for Mailing Notice

For modifications that require notice, indicate who will be responsible for mailing notice:

Applicant Agent in Service Consultant

Contact Name: _____

Title: _____

Email Address: _____

7. Confidential Documents

Does the application contain confidential documents?

Yes No

If "Yes", reference the confidential documents in the application, but submit the confidential documents as an attachment in a separate binder marked "CONFIDENTIAL."

8. Facility General Information

Facility Name: _____

Contact Name: _____ Title: _____

MSW Authorization Number (if existing): _____

Regulated Entity Reference Number: **RN** _____

Physical or Street Address: _____

City: _____ County: _____ State: TX Zip Code: _____

Phone Number: _____

Latitude (Degrees, Minutes, Seconds): _____

Longitude (Degrees, Minutes, Seconds): _____

9. Facility Types

Type I Type IV Type V

Type IAE Type IVAE Type VI

10. Description of the Revisions to the Facility

Provide a brief description of revisions to permit or registration conditions and supporting documents referred to by the permit or registration, and a reference to the specific provisions under which the modification or temporary authorization application is being made. Also, provide an explanation of why the modification or temporary authorization is needed:

11. Facility Contact Information

Site Operator (Permittee or Registrant)

Name: _____

Customer Reference Number: **CN**_____

Contact Name: _____ Title: _____

Mailing Address: _____

City: _____ County: _____ State: _____ Zip Code: _____

Phone Number: _____

Email Address: _____

Texas Secretary of State (SOS) Filing Number: _____

Operator (if different from *Site Operator*)

Name: _____

Customer Reference Number: **CN**_____

Contact Name: _____ Title: _____

Mailing Address: _____

City: _____ County: _____ State: _____ Zip Code: _____

Phone Number: _____

Email Address: _____

Texas Secretary of State (SOS) Filing Number: _____

Consultant (if applicable)

Firm Name: _____

Consultant Name: _____

Texas Board of Professional Engineers Firm Registration Number: _____

Contact Name: _____ Title: _____

Mailing Address: _____

City: _____ County: _____ State: _____ Zip Code: _____

Phone Number: _____

Email Address: _____

Agent in Service (required for out-of-state applicants)

Name: _____

Mailing Address: _____

City: _____ County: _____ State: TX Zip Code: _____

Phone Number: _____

Email Address: _____

12. Ownership Status of the Facility

Is this a modification that changes the legal description, the property owner, or the Site Operator (Permittee or Registrant)?

Yes No

If the answer is "No", skip this section.

Does the Site Operator (Permittee or Registrant) own all the facility units and all the facility property?

Yes No

If "No", provide the following information for other owners.

Owner Name: _____

Mailing Address: _____

City: _____ County: _____ State: TX Zip Code: _____

Phone Number: _____

Email Address: _____

Signature Page

Site Operator or Authorized Signatory

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name: William J Kennedy Title: Environmental Manager

Email Address: bill.kennedy@denaliwater.com

Signature: Wm. J. Kennedy Date: 03/07/2024

Operator or Principal Executive Officer Designation of Authorized Signatory

To be completed by the operator if the application is signed by an authorized representative for the operator.

I hereby designate _____ as my representative and hereby authorize said representative to sign any application, submit additional information as may be requested by the Commission; and/or appear for me at any hearing or before the Texas Commission on Environmental Quality in conjunction with this request for a Texas Water Code or Texas Solid Waste Disposal Act permit. I further understand that I am responsible for the contents of this application, for oral statements given by my authorized representative in support of the application, and for compliance with the terms and conditions of any permit which might be issued based upon this application.

Operator or Principal Executive Officer Name: _____

Email Address: _____

Signature: _____ Date: _____

Notary

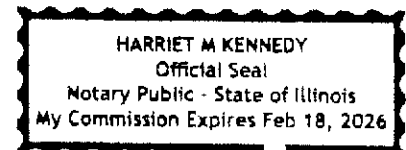
SUBSCRIBED AND SWORN to before me by the said William J Kennedy

On this 7th day of March, 2024

My commission expires on the 18th day of February, 2026

Harriet M. Kennedy

Notary Public in and for
Kankakee County, Illinois



Note: Application Must Bear Signature and Seal of Notary Public

Attachments for Permit or Registration Modification with Public Notice

Refer to instruction document **200650-instr** for professional engineer seal requirements.

Attachments Table 1. Required attachments.

Required Attachments	Attachment Number
Land Ownership Map	1
Landowners List	2
Marked (Redline/Strikeout) Pages	3
Unmarked Revised Pages	4

Attachments Table 2. Additional attachments as applicable.

Additional Attachments as Applicable (select all that apply and add others as needed)	Attachment Number
<input type="checkbox"/> TCEQ Core Data Form(s)	5
<input type="checkbox"/> Signatory Authority Delegation	
<input type="checkbox"/> Fee Payment Receipt	6
<input type="checkbox"/> Confidential Documents	
Property Legal Description	7
Property Metes & Bounds Description	8
Metes and Bounds Drawing	9
Property Owners Affidavit	10
Verification of Legal Status	11
Evidence of Competency	12

Attachments for Permit or Registration Modification without Public Notice, or Temporary Authorization

Refer to instruction document **200650-instr** for professional engineer seal requirements.

Attachments Table 3. Required attachments for modifications.

Required Attachments for Modification	Attachment Number
Marked (Redline/Strikeout) Pages	
Unmarked Revised Pages	

Attachments Table 4. Additional attachments for modifications and temporary authorizations, as applicable.

Additional Attachments as Applicable (select all that apply and add others as needed)	Attachment Number
<input type="checkbox"/> TCEQ Core Data Form(s)	
<input type="checkbox"/> Signatory Authority Delegation	
<input type="checkbox"/> Fee Payment Receipt	
<input type="checkbox"/> Confidential Documents	

Attachments for Permit or Registration Name Change or Transfer Modification

Refer to instruction document **200650-instr** for professional engineer seal requirements.

Attachments Table 5. Required attachments.

Required Attachments	Attachment Number
TCEQ Core Data Form(s)	
Property Legal Description	
Property Metes and Bounds Description	
Metes and Bounds Drawings	
On-Site Easements Drawing	
Land Ownership Map	
Land Ownership List	
Property Owner Affidavit	
Verification of Legal Status	
Evidence of Competency	

Attachments Table 6. Additional attachments as applicable.

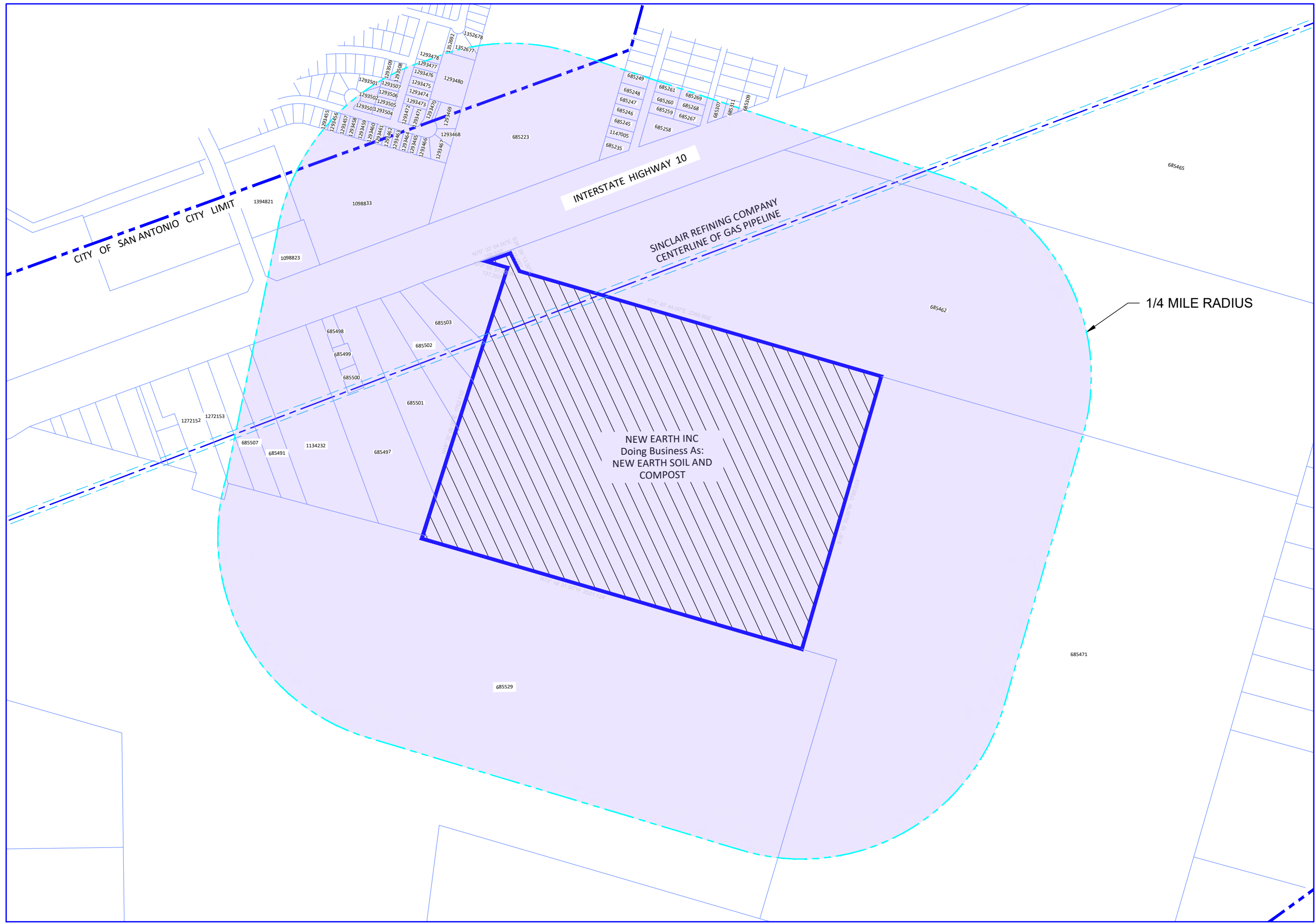
Additional Attachments as Applicable (select all that apply and add others as needed)	Attachment Number
<input type="checkbox"/> Signatory Authority Delegation	
<input type="checkbox"/> Fee Payment Receipt	
<input type="checkbox"/> Confidential Documents	
<input type="checkbox"/> Final Plat Record of Property	
<input type="checkbox"/> Assumed Name Certificate	

Documentation of Financial Assurance 13

Explanation of Ownership and Name Changes, plus Mineral Rights 14

Documentation of Both Parties Supporting Transfer 15

ACAD: Rel 24.3s (LMS, Teah) Office: amcncrjeff
 C:\CLIENT\RISA WEINBERGER & ASSOC\New Earth DWG\CARDENVILLE_MSW_SITE-2.dwg LAYOUT: 11X17 FIGURE
 Mar 12, 2024 1:21pm US: 0.5 PSLTS: 1 TWIST:
 REFERENCES: 34x22BRDR_CARDENVILLE



NOTE: Information in the links were accessed from Bexar County Appraisal District on March 12, 2024. The information reflect data for tax year 2023, as the 2024 tax year is currently not available.

LEGEND

- CITY LIMIT
- PARCEL
- EXIST GAS PIPELINE
- PROJECT SITE
- 1/4 MILE RADIUS

N

0 300 600 Feet

REV	DATE	BY	DESCRIPTION

FOR PERMITTING PURPOSE ONLY

Risa Weinberger & Associates, Inc.
 DALLAS, TEXAS
 FIRM REGISTRATION No. F-7861

SCALE	AS SHOWN
DRAWN	TAS, INC.
CHECKED	RW&AI
DATE	MARCH 2024

New Earth Registration (43032) Modification

Adjacent Property Owners
 1/4 Mile Radius

Application Form for Municipal Solid Waste
Permit or Registration Modification or Temporary Authorization

New Earth Registration 42032

Attachment 2
Land Ownership List

Owner Name: CONTRERAS CHRISTOPHER JR & JASMEN MARIE
Property Identification Number:1293455
Geo Identification Number:05090-212-0200
Legal Description: CB 5090B (HORIZON POINTE UT-5), BLOCK 12 LOT 20
State Code: A1
Address: 7242 SANDY BAY CONVERSE, TX 78109
Taxing Jurisdictions: 06, WLDEV, CAD, 11, 08, 54, 111, 09, 10
Neighborhood: HORIZON POINT-PREMEIR PLUS
Abstract Code: 20001/469

Owner Name: MALDONADO RAFAEL & ADRIANA MARIA
Property Identification Number:1293456
Geo Identification Number:05090-212-0210
Legal Description: CB 5090B (HORIZON POINTE UT-5), BLOCK 12 LOT 21
State Code: A1
Address: 7246 SANDY BAY CONVERSE, TX 78109
Taxing Jurisdictions: CAD, 09, 06, 08, 54, WLDEV, 111, 10, 11
Neighborhood: HORIZON POINT-PREMEIR PLUS
Abstract Code: 20001/469

Owner Name: NGUYEN ROBERT
Property Identification Number:1293457
Geo Identification Number:05090-212-0220
Legal Description: CB 5090B (HORIZON POINTE UT-5), BLOCK 12 LOT 22
State Code: A1
Address: 7250 SANDY BAY CONVERSE, TX 78109
Taxing Jurisdictions: CAD, 10, 06, WLDEV, 54, 11, 08, 111, 09
Neighborhood: HORIZON POINT-PREMEIR PLUS
Abstract Code: 20001/469

Owner Name: MIGUES JACLYN MARIE & JOSHUA MICHAEL
Property Identification Number:1293458
Geo Identification Number:05090-212-0230
Legal Description: CB 5090B (HORIZON POINTE UT-5), BLOCK 12 LOT 23
State Code: A1
Address: 7302 SANDY BAY CONVERSE, TX 78109

Taxing Jurisdictions: 06, CAD, WLDEV, 11, 111, 09, 08, 54, 10

Neighborhood: HORIZON POINT-PREMEIR PLUS

Abstract Code: 20001/469

Owner Name: LEVINE BRENDA ANN

Property Identification Number:1293459

Geo Identification Number:05090-212-0240

Legal Description: CB 5090B (HORIZON POINTE UT-5), BLOCK 12 LOT 24

State Code: A1

Address: 7306 SANDY BAY CONVERSE, TX 78109

Taxing Jurisdictions: 08, 09, CAD, 06, 11, WLDEV, 54, 10, 111

Neighborhood: HORIZON POINT-PREMEIR PLUS

Abstract Code: 20001/469

Owner Name: ZULAICA JOSE JR & EILEEN

Property Identification Number:1293460

Geo Identification Number:05090-212-0250

Legal Description: CB 5090B (HORIZON POINTE UT-5), BLOCK 12 LOT 25

State Code: A1

Address: 7310 SANDY BAY CONVERSE, TX 78109

Taxing Jurisdictions: CAD, 10, 06, WLDEV, 11, 54, 111, 08, 09

Neighborhood: HORIZON POINT-PREMEIR PLUS

Abstract Code: 20001/469

Owner Name: TORRATO PAUL EDWARD C & KYANA

Property Identification Number:1293461

Geo Identification Number:17983-012-0260

Legal Description: NCB 17983 (HORIZON POINTE UT-5), BLOCK 12 LOT SIRR OF 26 & CB 5090B (HORIZON POINTE UT-5), BLK 12 LOT NIRR OF 26

State Code: A1

Address: 7314 SANDY BAY CONVERSE, TX 78109

Taxing Jurisdictions: 06, 21, CAD, WLDEV, 11, 08, 54, 111, 09, 10

Neighborhood: HORIZON POINT-PREMEIR PLUS

Abstract Code: 20001/469-

Owner Name: BELL DAYMON N

Property Identification Number:1293462

Geo Identification Number:17983-012-0270

Legal Description: NCB 17983 (HORIZON POINTE UT-5), BLOCK 12 LOT SIRR OF 27 & CB 5090B (HORIZON POINTE UT-5), BLK 12 LOT NIRR OF 27

State Code: A1

Address: 7318 SANDY BAY CONVERSE, TX 78109

Taxing Jurisdictions: 08, 09, CAD, 06, 11, WLDEV, 10, 21, 54, 111

Neighborhood: HORIZON POINT-PREMEIR PLUS

Abstract Code: 20001/469-

Owner Name: WIENCKOSKI DAVID & DEBORAH DARLENE

Property Identification Number:1293463

Geo Identification Number:17983-012-0280

Legal Description: NCB 17983 (HORIZON POINTE UT-5), BLOCK 12 LOT SIRR OF 28 & CB 5090B (HORIZON POINTE UT-5), BLK 12 LOT NIRR OF 28

State Code: A1

Address: 7402 SANDY BAY CONVERSE, TX 78109

Taxing Jurisdictions: CAD, 06, WLDEV, 54, 11, 21, 111, 10, 09, 08

Neighborhood: HORIZON POINT-PREMEIR PLUS

Abstract Code: 20001/469-

Owner Name: WOLF ANDREW DAVID

Property Identification Number:1293464

Geo Identification Number:17983-012-0290

Legal Description: NCB 17983 (HORIZON POINTE UT-5), BLOCK 12 LOT 29

State Code: A1

Address: 7406 SANDY BAY CONVERSE, TX 78109

Taxing Jurisdictions: 21, 08, 06, CAD, WLDEV, 11, 09, 54, 10

Neighborhood: HORIZON POINT-PREMEIR PLUS

Abstract Code: 20001/469-

Owner Name: DRAGONBERRY TABATHA MICHELLE

Property Identification Number:1293465

Geo Identification Number:17983-012-0300

Legal Description: NCB 17983 (HORIZON POINTE UT-5), BLOCK 12 LOT 30

State Code: A1

Address: 7410 SANDY BAY CONVERSE, TX 78109

Taxing Jurisdictions: 08, 09, CAD, 06, 11, WLDEV, 54, 10, 21

Neighborhood: HORIZON POINT-PREMEIR PLUS

Abstract Code: 20001/469-

Owner Name: VELAZQUEZ CESAR IVAN RODRIGUEZ & RODRIGUEZ CRYSTAL

Property Identification Number:1293466

Geo Identification Number:17983-012-0310

Legal Description: NCB 17983 (HORIZON POINTE UT-5), BLOCK 12 LOT 31

State Code: A1

Address: 7414 SANDY BAY CONVERSE, TX 78109

Taxing Jurisdictions: CAD, 06, WLDEV, 21, 54, 11, 10, 08, 09

Neighborhood: HORIZON POINT-PREMEIR PLUS

Abstract Code: 20001/469-

Owner Name: SAINZ CHRISTOPHER DAVID

Property Identification Number:1293467

Geo Identification Number:17983-012-0320

Legal Description: NCB 17983 (HORIZON POINTE UT-5), BLOCK 12 LOT 32

State Code: A1

Address: 7422 SANDY BAY CONVERSE, TX 78109

Taxing Jurisdictions: CAD, 08, 11, 54, 21, 09, 06, 10, WLDEV

Neighborhood: HORIZON POINT-PREMEIR PLUS

Abstract Code: 20001/469-

Owner Name: BAZALDUA JOHNATAN EMMANUEL ALEMAN

Property Identification Number:1293468

Geo Identification Number:17983-012-0330

Legal Description: NCB 17983 (HORIZON POINTE UT-5), BLOCK 12 LOT 33

State Code: A1

Address: 7426 SANDY BAY CONVERSE, TX 78109

Taxing Jurisdictions: 08, CAD, 09, 06, 11, WLDEV, 10, 21, 54

Neighborhood: HORIZON POINT-PREMEIR PLUS

Abstract Code: 20001/469-

Owner Name: HORIZON POINTE HOMEOWNERS ASSOCIATION INC

Property Identification Number:1293480

Geo Identification Number:17983-212-9020

Legal Description: NCB 17983 (HORIZON POINTE UT-5), BLOCK 12 LOT SIRR OF 902 \\OPEN SPACE// & CB 5090B (HORIZON POINTE UT-5), BLK 12 LOT NIRR OF 902 \\OPEN SPACE//

State Code: C1

Address: 7417 BIG BEAR LAKE CONVERSE, TX 78109

Taxing Jurisdictions: CAD, 10, 06, 11, 54, WLDEV, 111, 21, 08, 09

Neighborhood: HORIZON POINT-PREMEIR PLUS

Abstract Code: 20001/469-

Owner Name: BENNETT JEREMIAH & LAUREN

Property Identification Number:1293469

Geo Identification Number:17983-012-0340

Legal Description: NCB 17983 (HORIZON POINTE UT-5), BLOCK 12 LOT SIRR OF 34 & CB 5090B (HORIZON POINTE UT-5), BLOCK 12 LOT NIRR OF 34

State Code: A1

Address: 7421 SANDY BAY CONVERSE, TX 78109

Taxing Jurisdictions: CAD, 06, WLDEV, 54, 11, 21, 10, 111, 09, 08

Neighborhood: HORIZON POINT-PREMEIR PLUS

Abstract Code: 20001/46

Owner Name: TREVINO JUAN ANTONIO

Property Identification Number:1293470

Geo Identification Number:05090-212-0350

Legal Description: CB 5090B (HORIZON POINTE UT-5), BLOCK 12 LOT 35

State Code: A1

Address: 7413 SANDY BAY CONVERSE, TX 78109

Taxing Jurisdictions: CAD, 111, 08, 09, 11, 54, 06, 10, WLDEV

Neighborhood: HORIZON POINT-PREMEIR PLUS

Abstract Code: 20001/4699-

Owner Name: SUAREZ EDWARD YOZIK VAZQUEZ
Property Identification Number:1352677
Geo Identification Number:05090-212-0480
Legal Description: CB 5090B (HORIZON POINTE UT-9 & 22), BLOCK 12 LOT 48
State Code: A1
Address: 7422 POINT LOBOS Converse, 78109
Taxing Jurisdictions: 08, WLDEV, 11, 54, 06, 111, CAD, 10, 09
Neighborhood: HORIZON POINT-PREMEIR PLUS
Abstract Code: 20002/648

Owner Name: SHAW DARIUS
Property Identification Number:1352678
Geo Identification Number:05090-212-0490
Legal Description: CB 5090B (HORIZON POINTE UT-9 & 22), BLOCK 12 LOT 49
State Code: A1
Address: 2802 POINT LOBOS Converse, 78109
Taxing Jurisdictions: 10, CAD, WLDEV, 06, 09, 54, 11, 08, 111
Neighborhood: HORIZON POINT-PREMEIR PLUS
Abstract Code: 20002/648

Owner Name: HORIZON POINTE HOMEOWNERS ASSOCIATION INC
Property Identification Number:1352692
Geo Identification Number:05090-212-9010
Legal Description: CB 5090B (HORIZON POINTE UT-9 & 22), BLOCK 12 LOT 901 (OPEN SPACE)
State Code: C1
Address: MARINA DEL REY 78109
Taxing Jurisdictions: 06, 54, 09, 11, WLDEV, 111, 10, 08, CAD
Neighborhood: HORIZON POINT-PREMEIR PLUS
Abstract Code: 20002/648

Owner Name: CASTILLO ANITA
Property Identification Number:1352676
Geo Identification Number:05090-212-0470
Legal Description: CB 5090B (HORIZON POINTE UT-9 & 22), BLOCK 12 LOT 47
State Code: A1
Address: 7414 MARINA DEL REY Converse, 78109
Taxing Jurisdictions: 54, 06, 09, 11, CAD, WLDEV, 08, 111, 10
Neighborhood: HORIZON POINT-PREMEIR PLUS
Abstract Code: 20002/648

Owner Name: JACQUOT JEFFREY R & GAILE S
Property Identification Number:1293479
Geo Identification Number:05090-212-0440
Legal Description: CB 5090B (HORIZON POINTE UT-5), BLOCK 12 LOT 44
State Code: A1
Address: 2636 BIG BEAR LAKE CONVERSE, TX 78109
Taxing Jurisdictions: CAD, 09, 06, WLDEV, 54, 08, 10, 111, 11

Neighborhood: HORIZON POINT-PREMEIR PLUS

Abstract Code: 20001/469

Owner Name: BUSTAMANTE NORA AIDETH

Property Identification Number:1293478

Geo Identification Number:05090-212-0430

Legal Description: CB 5090B (HORIZON POINTE UT-5), BLOCK 12 LOT 43

State Code: A1

Address: 2632 BIG BEAR LAKE CONVERSE, TX 78109

Taxing Jurisdictions: CAD, 06, 08, 54, WLDEV, 10, 111, 11, 09

Neighborhood: HORIZON POINT-PREMEIR PLUS

Abstract Code: 20001/469

Owner Name: QUINTANILLA ROBERT ANTHONY

Property Identification Number:1293477

Geo Identification Number:05090-212-0420

Legal Description: CB 5090B (HORIZON POINTE UT-5), BLOCK 12 LOT 42

State Code: A1

Address: 2628 BIG BEAR LAKE CONVERSE, TX 78109

Taxing Jurisdictions: CAD, 06, WLDEV, 54, 11, 08, 10, 111, 09

Neighborhood: HORIZON POINT-PREMEIR PLUS

Abstract Code: 20001/469

Owner Name: RIVERA ANGELO

Property Identification Number:1293476

Geo Identification Number:05090-212-0410

Legal Description: CB 5090B (HORIZON POINTE UT-5), BLOCK 12 LOT 41

State Code: A1

Address: 2624 BIG BEAR LAKE CONVERSE, TX 78109

Taxing Jurisdictions: CAD, 09, 06, WLDEV, 08, 54, 111, 10, 11

Neighborhood: HORIZON POINT-PREMEIR PLUS

Abstract Code: 20001/469

Owner Name: GARZA JONATHAN EDWARD & VANESSA

Property Identification Number:1293475

Geo Identification Number:05090-212-0400

Legal Description: CB 5090B (HORIZON POINTE UT-5), BLOCK 12 LOT 40

State Code: A1

Address: 2620 BIG BEAR LAKE CONVERSE, TX 78109

Taxing Jurisdictions: 06, CAD, 54, 08, WLDEV, 11, 10, 111, 09

Neighborhood: HORIZON POINT-PREMEIR PLUS

Abstract Code: 20001/469

Owner Name: FLOWERS JARRELL ANTHONY

Property Identification Number:1293474

Geo Identification Number:05090-212-0390

Legal Description: CB 5090B (HORIZON POINTE UT-5), BLOCK 12 LOT 39

State Code: A1

Address: 2616 BIG BEAR LAKE CONVERSE, TX 78109

Taxing Jurisdictions: CAD, WLDEV, 06, 11, 54, 10, 08, 111, 09

Neighborhood: HORIZON POINT-PREMEIR PLUS

Abstract Code: 20001/469

Owner Name: BERSABE ROBERT B

Property Identification Number:1293473

Geo Identification Number:05090-212-0380

Legal Description: CB 5090B (HORIZON POINTE UT-5), BLOCK 12 LOT 38

State Code: A1

Address: 2612 BIG BEAR LAKE CONVERSE, TX 78109

Taxing Jurisdictions: CAD, 111, 08, 11, 54, 09, 06, 10, WLDEV

Neighborhood: HORIZON POINT-PREMEIR PLUS

Abstract Code: 20001/469

Owner Name: LEAL CATALINA C

Property Identification Number:1293471

Geo Identification Number:05090-212-0360

Legal Description: CB 5090B (HORIZON POINTE UT-5), BLOCK 12 LOT 36

State Code: A1

Address: 7407 SANDY BAY CONVERSE, TX 78109

Taxing Jurisdictions: CAD, WLDEV, 06, 11, 54, 08, 10, 111, 09

Neighborhood: HORIZON POINT-PREMEIR PLUS

Abstract Code: 20001/469

Owner Name: HASAN NAZMUL M & AKTER SHARMIN

Property Identification Number:1293472

Geo Identification Number:05090-212-0370

Legal Description: CB 5090B (HORIZON POINTE UT-5), BLOCK 12 LOT 37

State Code: A1

Address: 7403 SANDY BAY CONVERSE, TX 78109

Taxing Jurisdictions: 06, CAD, 54, 08, WLDEV, 10, 111, 11, 09

Neighborhood: HORIZON POINT-PREMEIR PLUS

Abstract Code: 20001/469

Owner Name: HARRIS NAKITA MICHELLE

Property Identification Number:1293508

Geo Identification Number:05090-214-0160

Legal Description: CB 5090B (HORIZON POINTE UT-5), BLOCK 14 LOT 16

State Code: A1

Address: 7270 DARK MOON CONVERSE, TX 78109

Taxing Jurisdictions: CAD, 09, 06, WLDEV, 08, 54, 10, 111, 11

Neighborhood: HORIZON POINT-PREMEIR PLUS

Abstract Code: 20001/469

Owner Name: FAZ ISAAC ALEXANDER
Property Identification Number:1293509
Geo Identification Number:05090-214-0170
Legal Description: CB 5090B (HORIZON POINTE UT-5), BLOCK 14 LOT 17
State Code: A1
Address: 7266 DARK MOON CONVERSE, TX 78109
Taxing Jurisdictions: CAD, 06, WLDEV, 54, 11, 10, 08, 111, 09
Neighborhood: HORIZON POINT-PREMEIR PLUS
Abstract Code: 20001/469

Owner Name: MOUSAVIAN SEYEDAMIRABBAS & MADRAKI GOLSHAN
Property Identification Number:1293507
Geo Identification Number:05090-214-0150
Legal Description: CB 5090B (HORIZON POINTE UT-5), BLOCK 14 LOT 15
State Code: A1
Address: 2615 BIG BEAR LAKE CONVERSE, TX 78109
Taxing Jurisdictions: 06, CAD, 54, 08, WLDEV, 10, 111, 11, 09
Neighborhood: HORIZON POINT-PREMEIR PLUS
Abstract Code: 20001/469

Owner Name: BELLIVEAU NICOLAS COLLIN & BELLIVEAU ALYSSA KLARKE
Property Identification Number:1293506
Geo Identification Number:05090-214-0140
Legal Description: CB 5090B (HORIZON POINTE UT-5), BLOCK 14 LOT 14
State Code: A1
Address: 2611 BIG BEAR LAKE CONVERSE, TX 78109
Taxing Jurisdictions: CAD, WLDEV, 06, 11, 54, 08, 10, 111, 09
Neighborhood: HORIZON POINT-PREMEIR PLUS
Abstract Code: 20001/469

Owner Name: SANTIBANEZ ROSALBA
Property Identification Number:1293505
Geo Identification Number:05090-214-0130
Legal Description: CB 5090B (HORIZON POINTE UT-5), BLOCK 14 LOT 13
State Code: A1
Address: 2607 BIG BEAR LAKE CONVERSE, TX 78109
Taxing Jurisdictions: CAD, 111, 08, 09, 11, 54, 06, 10, WLDEV
Neighborhood: HORIZON POINT-PREMEIR PLUS
Abstract Code: 20001/469

Owner Name: HERIBERTO VALENTIN & ARCE ALEXIS
Property Identification Number:1293504
Geo Identification Number:05090-214-0120
Legal Description: CB 5090B (HORIZON POINTE UT-5), BLOCK 14 LOT 12
State Code: A1
Address: 2603 BIG BEAR LAKE CONVERSE, TX 78109
Taxing Jurisdictions: 06, CAD, 54, 08, WLDEV, 11, 10, 111, 09

Neighborhood: HORIZON POINT-PREMEIR PLUS

Abstract Code: 20001/469

Owner Name: MARES CASSANDRA ANN &

Property Identification Number:1293501

Geo Identification Number:05090-214-0090

Legal Description: CB 5090B (HORIZON POINTE UT-5), BLOCK 14 LOT 9

State Code: A1

Address: 2612 SEASIDE CONVERSE, TX 78109

Taxing Jurisdictions: CAD, 06, WLDEV, 54, 11, 09, 08, 111, 10

Neighborhood: HORIZON POINT-PREMEIR PLUS

Abstract Code: 20001/469

Owner Name: REYES KATESHA SHERI

Property Identification Number:1293502

Geo Identification Number:05090-214-0100

Legal Description: CB 5090B (HORIZON POINTE UT-5), BLOCK 14 LOT 10

State Code: A1

Address: 2608 SEASIDE CONVERSE, TX 78109

Taxing Jurisdictions: CAD, 111, 08, 11, 54, 09, 10, WLDEV, 06

Neighborhood: HORIZON POINT-PREMEIR PLUS

Abstract Code: 20001/469

Owner Name: PAWGAN SCOTT HOWARD

Property Identification Number:1293503

Geo Identification Number:05090-214-0110

Legal Description: CB 5090B (HORIZON POINTE UT-5), BLOCK 14 LOT 11

State Code: A1

Address: 2602 SEASIDE CONVERSE, TX 78109

Taxing Jurisdictions: CAD, WLDEV, 06, 11, 54, 10, 08, 09, 111

Neighborhood: HORIZON POINT-PREMEIR PLUS

Abstract Code: 20001/469

Owner Name: MCCRAVY WILLIAM RASHAAN & STEMLEY LATONYA NICOLE

Property Identification Number:1293498

Geo Identification Number:05090-214-0060

Legal Description: CB 5090B (HORIZON POINTE UT-5), BLOCK 14 LOT 6

State Code: A1

Address: 2603 SEASIDE CONVERSE, TX 78109

Taxing Jurisdictions: CAD, 06, WLDEV, 54, 11, 111, 10, 09, 08

Neighborhood: HORIZON POINT-PREMEIR PLUS

Abstract Code: 20001/469

Owner Name: HORIZON POINTE HOA INC

Property Identification Number:1098833

Geo Identification Number:17983-047-0020

Legal Description: NCB 17983 (HORIZON POINTE SUBD UT-2), BLOCK 47 LOT 2 (PRIVATE DETENTION POND ESMT)

State Code: C1

Address: WOODLAKE PARKWAY CONVERSE, TX 78109

Taxing Jurisdictions: 10, 11, 111, 08, WLDEV, 54, 21, 09, CAD, 06

Neighborhood: HORIZON POINTE

Abstract Code: 9575/184-7

Owner Name: SAN ANTONIO HOUSING FACILITY CORPORATION

Property Identification Number:1394821

Geo Identification Number:17983-071-0010

Legal Description: NCB 17983/CB 5090 (HORIZON POINTE APARTMENTS) BLK 71 LOT 1

State Code: B2

Address: WOODLAKE PKWY TX

Taxing Jurisdictions: 09, 10, 06, CAD, 11, 54, 08, 111, 21

Neighborhood: NBHD code15660

Abstract Code: 20002/1885

Owner Name: MFP FOSTER RANCH LP

Property Identification Number:1098623

Geo Identification Number:17983-000-0037

Legal Description: NCB 17983 P-3G (NON ADJ RMS TO P-3F) A-739

State Code: C1

Address: E IH 10 CONVERSE, TX 78109

Taxing Jurisdictions: 10, CAD, 54, 11, 06, 09, 21, 08

Neighborhood: NBHD code15670

Abstract Code: S17983

Owner Name: GALLERIA VENTURES LIMITED

Property Identification Number:685223

Geo Identification Number:17983-000-0040

Legal Description: NCB 17983 P-4 (6.89 AC), P-4A (8.26 AC) & CB 5090 P-4 (33.035 AC),P-4A (22.485 AC) A-739

State Code: F1

Address: 7265 E IH 10 CONVERSE, TX 78109

Taxing Jurisdictions: 09, 08, 21, CAD, 54, 11, 10, 06, 111

Neighborhood: NBHD code15660

Abstract Code: S17

Owner Name: TREVINO ORALIA FLORES

Property Identification Number:685311

Geo Identification Number:17987-004-0030

Legal Description: NCB 17987 BLK 4 LOT E

State Code: A1

Address: 7801 INTERSTATE 10 E CONVERSE, TX 78109

Taxing Jurisdictions: 08, 21, 09, 06, 54, 10, CAD, 11

Neighborhood: E. COMMERCE EST (EC)

Abstract Code: S17987983

Owner Name: TREVINO ORALIA F
Property Identification Number:685307
Geo Identification Number:17987-004-0010
Legal Description: NCB 17987 BLK 4 LOT D
State Code: A1
Address: 7801 INTERSTATE 10 E CONVERSE, TX 78109
Taxing Jurisdictions: 09, 08, 21, CAD, 54, 06, 11, 10
Neighborhood: E. COMMERCE EST (EC)
Abstract Code: S17987

Owner Name: HERNANDEZ JUAN
Property Identification Number:685269
Geo Identification Number:17985-002-3030
Legal Description: NCB 17985 BLK 2 LOT 303 NO LABEL# NO SERIAL#
State Code: A2
Address: 2683 CHURCHILL AVE CONVERSE, TX 78109
Taxing Jurisdictions: 09, CAD, 08, 10, 06, 54, 11, 21
Neighborhood: E. COMMERCE EST (EC)
Abstract Code: S17985

Owner Name: RODRIGUEZ CESAR E & MACAELA
Property Identification Number:685268
Geo Identification Number:17985-002-3020
Legal Description: NCB 17985 BLK 2 LOT 302 REFER MH 80300-163-0194
State Code: A1
Address: 2679 CHURCHILL AVE CONVERSE, TX 78109
Taxing Jurisdictions: 21, 09, 08, 10, 54, CAD, 06, 11
Neighborhood: E. COMMERCE EST (EC)
Abstract Code: S17985

Owner Name: HERNANDEZ JAIME A & SANCHEZ MA DE JESUS H
Property Identification Number:685267
Geo Identification Number:17985-002-3010
Legal Description: NCB 17985 BLK 2 LOT 301
State Code: C1
Address: CHURCHILL AVE CONVERSE, TX 78109
Taxing Jurisdictions: 08, 21, CAD, 09, 54, 11, 10, 06
Neighborhood: E. COMMERCE EST (EC)
Abstract Code: S17985

Owner Name: NICHOLAS BRENDA NICHOLAS
Property Identification Number:685258
Geo Identification Number:17985-002-0030
Legal Description: NCB 17985 BLK 2 LOT ARB TR C
State Code: C1
Address: 7745 INTERSTATE 10 E CONVERSE, TX 78109
Taxing Jurisdictions: 21, 08, CAD, 09, 54, 11, 10, 06

Neighborhood: E. COMMERCE EST (EC)

Abstract Code: S17985

Owner Name: CAPLE ARTHUR J EST OF

Property Identification Number:685259

Geo Identification Number:17985-002-2010

Legal Description: NCB 17985 BLK 2 LOT 201

State Code: C1

Address: CHLOE DR CONVERSE, TX 78109

Taxing Jurisdictions: 08, 21, 09, 06, 10, 54, CAD, 11

Neighborhood: E. COMMERCE EST (EC)

Abstract Code: S17985

Owner Name: MORALES ROLANDO &

Property Identification Number:685260

Geo Identification Number:17985-002-2020

Legal Description: NCB 17985 BLK 2 LOT 202 LABEL RAD1183541-RAD1183542

State Code: A2

Address: 2662 CHLOE DR CONVERSE, TX 78109

Taxing Jurisdictions: 21, 08, 06, 09, CAD, 54, 10, 11

Neighborhood: E. COMMERCE EST (EC)

Abstract Code: S17985

Owner Name: GONZALEZ RAMIRO & SULEMA

Property Identification Number:685261

Geo Identification Number:17985-002-2030

Legal Description: NCB 17985 BLK 2 LOT 203 LABEL: HWC0266611

State Code: A2

Address: 2670 CHLOE DR CONVERSE, TX 78109

Taxing Jurisdictions: 08, 21, CAD, 09, 54, 11, 10, 06

Neighborhood: E. COMMERCE EST (EC)

Abstract Code: S17985

Owner Name: MIRELES JOSE M & GUADALUPE

Property Identification Number:685262

Geo Identification Number:17985-002-2040

Legal Description: NCB 17985 BLK 2 LOT 204

State Code: C1

Address: CHLOE DR CONVERSE, TX 78109

Taxing Jurisdictions: 21, 08, 09, 10, 54, CAD, 06, 11

Neighborhood: E. COMMERCE EST (EC)

Abstract Code: S17985

Owner Name: ARIAS EVA ALICIA

Property Identification Number:685249

Geo Identification Number:17984-001-1060

Legal Description: NCB 17984 BLK 1 LOT 106 & 107 REFER TO: 80100-001-1060

State Code: C1

Address: 2689 CHLOE DR CONVERSE, TX 78109

Taxing Jurisdictions: 09, 08, 21, CAD, 54, 10, 11, 06

Neighborhood: E. COMMERCE EST (EC)

Abstract Code: S17984

Owner Name: GRAVES CALEB C SR

Property Identification Number:685248

Geo Identification Number:17984-001-1050

Legal Description: NCB 17984 BLK 1 LOT 105

State Code: C1

Address: 2667 CHLOE DR CONVERSE, TX 78109

Taxing Jurisdictions: 08, 10, 09, 54, CAD, 06, 21, 11

Neighborhood: E. COMMERCE EST (EC)

Abstract Code: S17984

Owner Name: AGUILAR MARIA S ORDONEZ

Property Identification Number:685247

Geo Identification Number:17984-001-1040

Legal Description: NCB 17984 BLK 1 LOT 104

State Code: A1

Address: 2651 CHLOE DR CONVERSE, TX 78109

Taxing Jurisdictions: 09, 06, 08, 21, 54, 10, 11, CAD

Neighborhood: E. COMMERCE EST (EC)

Abstract Code: S17984

Owner Name: BERRYMAN WILLIE B

Property Identification Number:685246

Geo Identification Number:17984-001-1030

Legal Description: NCB 17984 BLK 1 LOT 103

State Code: C1

Address: 2625 CHLOE DR CONVERSE, TX 78109

Taxing Jurisdictions: 09, CAD, 10, 08, 06, 54, 21, 11

Neighborhood: E. COMMERCE EST (EC)

Abstract Code: S17984

Owner Name: AGUILAR JUAN ANTONIO ORDONEZ

Property Identification Number:685245

Geo Identification Number:17984-001-1020

Legal Description: NCB 17984 BLK 1 LOT 102 REFER TO: 80800-100-0012

State Code: C1

Address: 2623 CHLOE DR CONVERSE, TX 78109

Taxing Jurisdictions: 08, 10, 09, 54, CAD, 06, 11, 21

Neighborhood: E. COMMERCE EST (EC)

Abstract Code: S17984

Owner Name: BALDOCEDA EVANGELINA ANGIL ORELLANA
Property Identification Number:1147005
Geo Identification Number:17984-001-1010
Legal Description: NCB 17984 BLK 1 LOT 101 MH LABEL HWC0293390
State Code: A2
Address: 2619 CHLOE DR CONVERSE, TX 78109
Taxing Jurisdictions: 09, 21, 06, 10, 08, CAD, 54, 11
Neighborhood: E. COMMERCE EST (EC)
Abstract Code: S17984

Owner Name: BALDOCEDA EVANGELINA ANGIL ORELLANA
Property Identification Number:685235
Geo Identification Number:17984-001-0012
Legal Description: NCB 17984 BLK 1 LOT A & B LABEL: NTA1443956/NTA1443957
State Code: A2
Address: 2615 CHLOE DR CONVERSE, TX 78109
Taxing Jurisdictions: 08, 21, CAD, 09, 54, 10, 11, 06
Neighborhood: E. COMMERCE EST (EC)
Abstract Code: S17984

Owner Name: CHAICHA WICHAN & JARIYA
Property Identification Number:685498
Geo Identification Number:17994-000-0170
Legal Description: NCB 17994 BLK LOT NW IRRG 61 FT OF 17 ARB 17A
State Code: F1
Address: 7392 INTERSTATE 10 E SAN ANTONIO, TX 78219
Taxing Jurisdictions: 10, 11, 54, 21, 06, CAD, 08, 09
Neighborhood: NBHD code15660
Abstract Code: S17994

Owner Name: CHAICHA WICHAN & JARIYA
Property Identification Number:685499
Geo Identification Number:17994-000-0172
Legal Description: NCB 17994 TR-17B
State Code: F3
Address: 7388 INTERSTATE 10 E SAN ANTONIO, TX 78219
Taxing Jurisdictions: 06, 11, 54, 21, CAD, 08, 10, 09
Neighborhood: NBHD code15660
Abstract Code: S17994

Owner Name: CHAICHA WICHAN & JARIYA
Property Identification Number:685500
Geo Identification Number:17994-000-0173
Legal Description: NCB 17994 TR-17C
State Code: F3
Address: 7390 INTERSTATE 10 E SAN ANTONIO, TX 78219
Taxing Jurisdictions: 11, 06, 08, 54, 10, 09, CAD, 21

Neighborhood: NBHD code15660

Abstract Code: S17994

Owner Name: 7304 E IH 10 INVESTMENTS LLC

Property Identification Number:685465

Geo Identification Number:17994-000-0088

Legal Description: NCB 17994 P-8

State Code: E1

Address: 8206 E IH 10 CONVERSE, TX 78109

Taxing Jurisdictions: 09, 08, 06, 21, 10, 54, CAD, 11

Neighborhood: SCUCISD/JUDSON Rural Development East

Abstract Code: S17994

Owner Name: GOLLA AUGUST C & LUCILLE R

Property Identification Number:685462

Geo Identification Number:17994-000-0085

Legal Description: NCB 17994 PT P-8C & P-8E & P-9

State Code: D1

Address: 7810 E IH 10 CONVERSE, TX 78109

Taxing Jurisdictions: 09, 08, 21, 06, 54, 10, CAD, 11

Neighborhood: SCUCISD/JUDSON Rural Development East

Abstract Code: S17994

Owner Name: GOLLA AUGUST C & LUCILLE

Property Identification Number:685471

Geo Identification Number:17994-000-0100

Legal Description: NCB 17994 P-10 & P-10A

State Code: D2

Address: S FM 1516 CONVERSE, TX 78109

Taxing Jurisdictions: 08, 09, 21, 06, 54, 10, CAD, 11

Neighborhood: SCUCISD/JUDSON Rural Development East

Abstract Code: S17994

Owner Name: BROWNING FERRIS INC

Property Identification Number:685529

Geo Identification Number:17995-000-0200

Legal Description: NCB 17995 P-4, 6A, 7, 7A, 7B, 7C, 7D, 7E, 7F, 13, 13A, 13B, 13C, 20 NCB 17994 BLK TR-A, B, C,C1, P-11, 11A, & LOT 36 CB 5100 P-3, 4, 13, 13A, 20, 24A, 25D, & 26A ABS 665

State Code: F1

Address: 7790 TESSMAN RD SAN ANTONIO, TX 78219

Taxing Jurisdictions: 09, 08, 21, 06, 10, 54, CAD, 51, 11

Neighborhood: NBHD code53001

Abstract Code: S17995

Owner Name: VAZQUEZ CECILIA & FERNANDO

Property Identification Number:1272152

Geo Identification Number:17994-000-0400

Legal Description: NCB 17994 (VAZQUEZ SUB'D), LOT 40 REFER MH 80600-000-0400

State Code: A1

Address: 7230 INTERSTATE 10 E SAN ANTONIO, TX 78219

Taxing Jurisdictions: 21, 06, CAD, 09, 54, 11, 10, 08

Neighborhood: NBHD code15660

Abstract Code: 9721/9-0

Owner Name: ROMO ENEDELIA & RUBEN

Property Identification Number:1272153

Geo Identification Number:17994-000-0410

Legal Description: NCB 17994 (VAZQUEZ SUB'D), LOT 41

State Code: F1

Address: INTERSTATE 10 E SAN ANTONIO, TX 78219

Taxing Jurisdictions: 10, 09, CAD, 08, 54, 06, 21, 11

Neighborhood: NBHD code15660

Abstract Code: 9721/9-0

Owner Name: PARADA RAFAEL & VASQUEZ LEYLA

Property Identification Number:685507

Geo Identification Number:17994-000-0320

Legal Description: NCB 17994 LOT 32

State Code: F1

Address: 7240 INTERSTATE 10 E SAN ANTONIO, TX 78219

Taxing Jurisdictions: 09, CAD, 08, 10, 06, 54, 11, 21

Neighborhood: NBHD code15660

Abstract Code: S17994

Owner Name: BFI WASTE SYSTEMS OF N AMER INC

Property Identification Number:685491

Geo Identification Number:17994-000-0130

Legal Description: NCB 17994 E PT OF TR-13

State Code: E1

Address: 7290 INTERSTATE 10 E SAN ANTONIO, TX 78219

Taxing Jurisdictions: 09, 06, CAD, 08, 21, 54, 11, 10

Neighborhood: NBHD code15660

Abstract Code: S17994

Owner Name: 7304 E IH 10 INVESTMENTS LLC

Property Identification Number:1134232

Geo Identification Number:17994-000-0370

Legal Description: NCB: 17994 BLK LOT 37 (HOME DECOR OUTLET SUBD) & ARB TR-15, TR-15A, TR-15B & W 1/2 OF TR-16

State Code: F1

Address: 7304 INTERSTATE 10 E SAN ANTONIO, TX 78219

Taxing Jurisdictions: 06, 09, 10, 54, 11, CAD, 21, 08

Neighborhood: NBHD code15660

Abstract Code: S17994

Owner Name: BFI WASTE SYSTEMS OF

Property Identification Number:685497

Geo Identification Number:17994-000-0161

Legal Description: NCB 17994 BLK LOT E 1/2 OF TR 16 ARB 16A, & TR 17, EXC N W IRR 61 FT NO LABEL# OR SERIAL#

State Code: A2

Address: 7400 INTERSTATE 10 E SAN ANTONIO, TX 78219

Taxing Jurisdictions: 09, 08, 21, 06, 54, 10, CAD, 11

Neighborhood: NBHD code15660

Abstract Code: S17994

Owner Name: NEW EARTH INC

Property Identification Number:685503

Geo Identification Number:17994-000-0200

Legal Description: NCB 17994 TR-20

State Code: F1

Address: 7462 INTERSTATE 10 E SAN ANTONIO, TX 78219

Taxing Jurisdictions: 08, 09, 21, 10, 54, CAD, 06, 11

Neighborhood: NBHD code15660

Abstract Code: S17994

Owner Name: SAN ANTONIO WATER SYSTEM

Property Identification Number:685502

Geo Identification Number:17994-000-0190

Legal Description: NCB 17994 TR-19

State Code: C1

Address: 7420 INTERSTATE 10 E SAN ANTONIO, TX 78219

Taxing Jurisdictions: 21, 08, CAD, 09, 54, 11, 10, 06

Neighborhood: NBHD code15660

Abstract Code: S17994

Owner Name: BFI WASTE SYS OF N A

Property Identification Number:685501

Geo Identification Number:17994-000-0180

Legal Description: NCB 17994 TR-18

State Code: F1

Address: 7412 INTERSTATE 10 E SAN ANTONIO, TX 78219

Taxing Jurisdictions: 08, 21, 06, 09, CAD, 54, 10, 11

Neighborhood: NBHD code15660

Abstract Code: S17994

No mineral rights held other than by current site owner.

Application Form for Municipal Solid Waste
Permit or Registration Modification or Temporary Authorization

New Earth Registration 42032

Attachment 3

Marked (Redline/Strikeout) Pages

New Earth

Texas Commission on Environmental Quality
Compost Facility
San Antonio, Bexar County, Texas
New Site Registration Application
July 2007

Revised March 14, 2024

by Risa Weinberger & Associates, Inc.

Risa Weinberger & Associates, Inc.

214-729-7071

Risa@risawassoc.com

Submitted to:

Texas Commission on
Environmental Quality
Municipal Solid Waste Permits
(MC-124)
12100 Park 35 Circle
Austin, TX 78753

Prepared for:

New Earth
P.O. Box 8058
7800 IH-10 East
San Antonio, Bexar County, Texas
78219

Prepared by:

CDM
12357-A Riata Trace Pkwy
Suite 210
Austin, Texas 78727

Section 2

Site Description

2.1 Legal Description

The official legal description of the property owned by ~~L&H Leasing Co., Ltd DBA~~ New Earth, Inc. can be seen in the Deed for the property, which is located in Section 1.10. This Deed was filed in the e-records of Bexar County on November 15, 2018 (Record 20180224672) is located at the Bexar County office in volume 6363, page 1409-1413.

From this point forward, ~~L&H Leasing Co., Ltd DBA~~ New Earth, Inc. will be referred to as New Earth in this application.

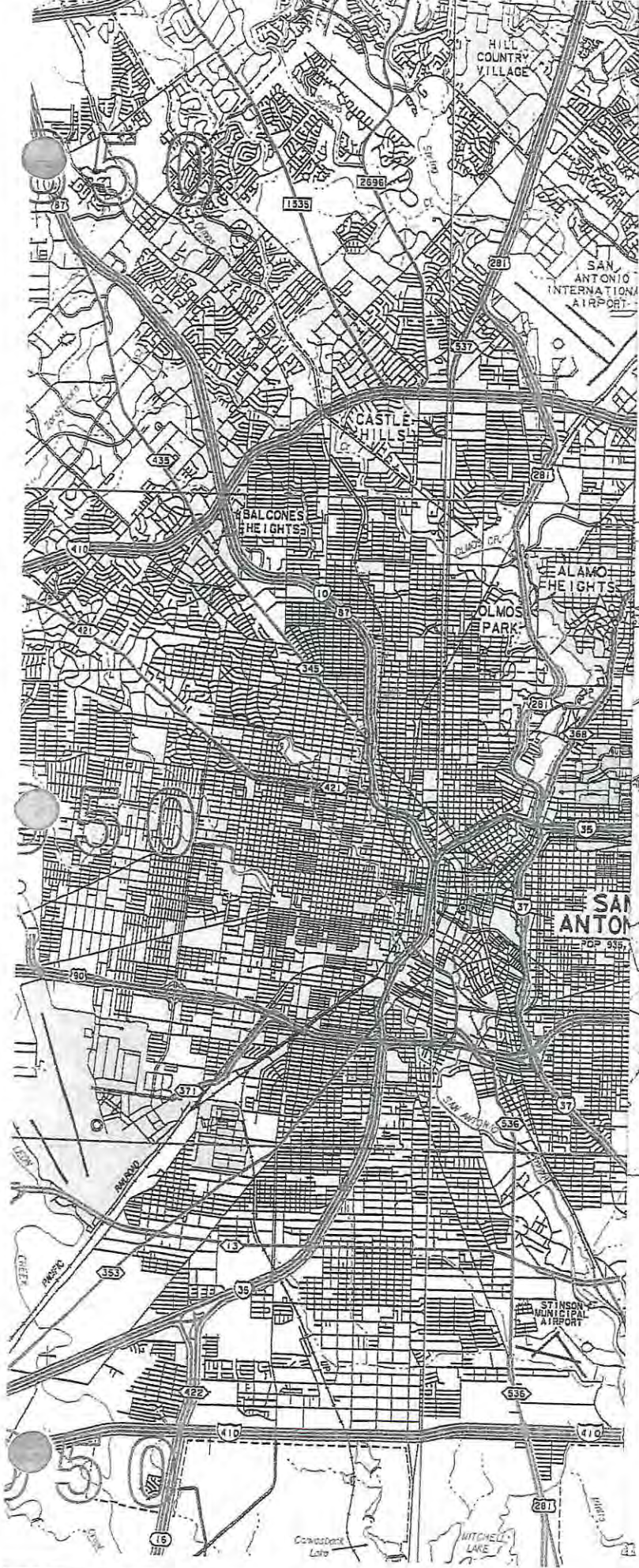
A registered professional land surveyor also examined the property. Refer to the Deed in Section 1.10 for the signed and sealed copy of the site description as well as the site drawing including boundary metes and bounds.

2.2 Location Description

The New Earth Composting Facility is located within the City of San Antonio city limits in Bexar County at 7800 Interstate Highway 10 East. This property is 1.4 miles from the intersection of Interstate 10 and Farm to Market Road 1516. The southwest corner of the facility has the latitude and longitude coordinates of 29° 26' 43" N and 98° 20' 14" W, respectively. Figure 2.1 displays the site location on a county map prepared by Texas Department of Transportation (TxDOT).

2.3 Landowners List

Table 2.1 provides a complete list of landowners adjacent to and nearby the New Earth Property. The property id found on the landowners list corresponds with the property id located on Figure 2.2, which is a Map displaying the location of the landowners.



Coordinates:
 26° 43' N
 100° 14' W

5549				
5749	5750	5751	5752	
5849	5850	5851	5852	5853
5949	San Antonio 5950 @ 5951		5952	
6049	6050	6051	6052	
6149	6150	6151		

KEY TO SUPPLEMENTARY SHEETS



**BEXAR COUNTY
 TEXAS**

SCALE IN MILES



2000

1990 CENSUS FIGURES

HIGHWAYS REVISED TO APRIL 1, 2000

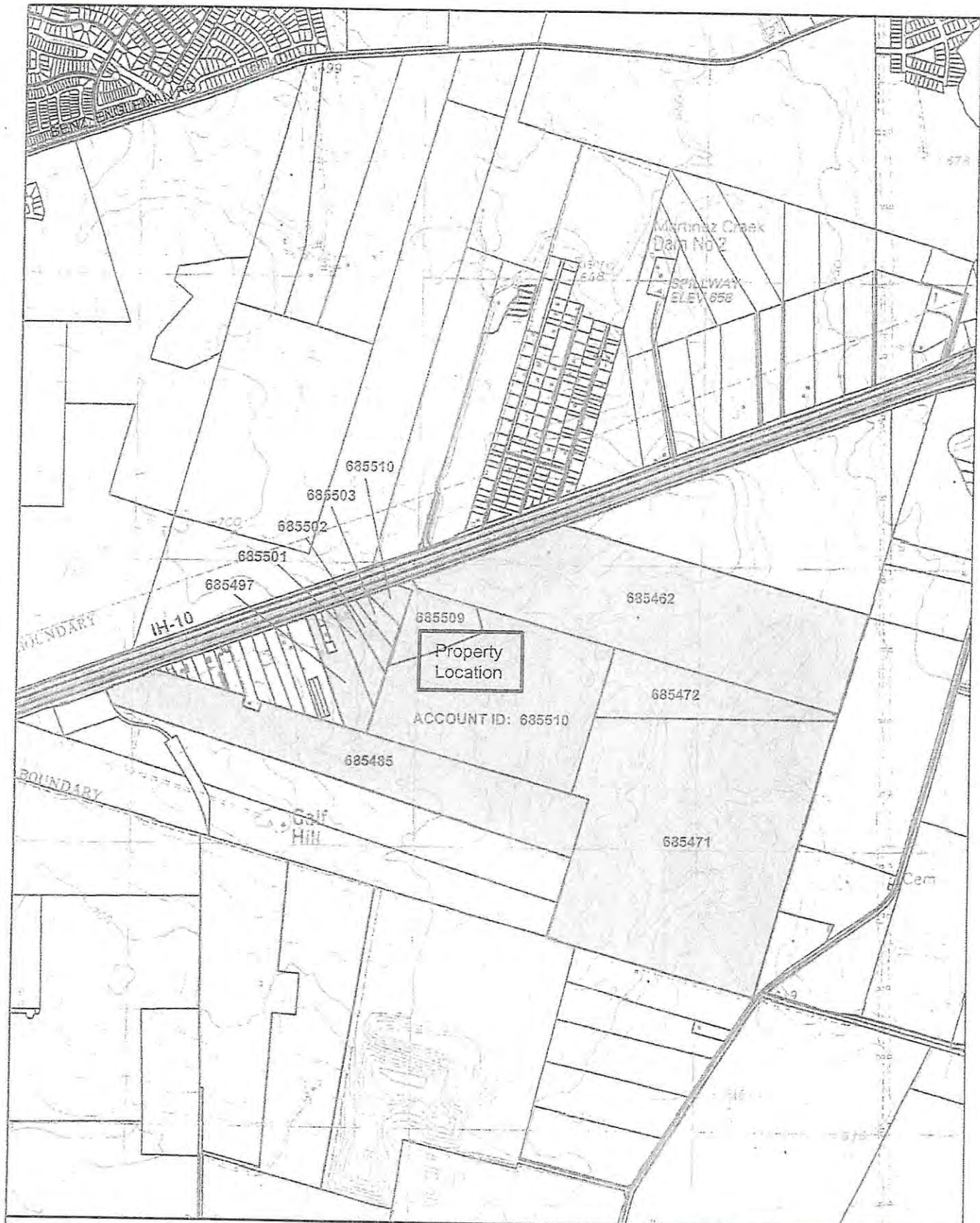
NOTICE

This map has been prepared for internal use within the Texas Department of Transportation. Accuracy is limited to the validity of available data as of dates shown.

TRAVEL INFORMATION

Dial 1-800-452-9292 for travel assistance from a professional Texas travel counselor, including routing in Texas, emergency road condition information, and other travel services; or to register a comment or complaint about Department operations.

Copies of this map are available for public use at nominal cost from the Texas Department of Transportation, 113 E. Riverside Dr., Austin, Texas 78704 or mail requests may be sent to the Finance Division, P.O. Box 3020, Austin, Texas 78763-5020.



New Earth Composting
 Registration
 Application



FIGURE 2.2: LANDOWNERS MAP
 BEXAR COUNTY

1 inch equals 1,500 feet

Table 2.1
List of Landowners

Account ID	Bexar County ID	Situs Location	Owner	Address
685462	929100529	7810 E IH 10	Golla Charles E	7810 E IH 10, San Antonio, TX
685471	929100526	S FM 1516	Dague Darlene S & Mrs. Etal Leslie Steubing	19300 Classen Crest # 1, San Antonio, TX
685472	929100528	S FM 1516	Dague Darlene S & Mrs. Etal Leslie Steubing	19300 Classen Crest # 1, San Antonio, TX
685485	311076037	7000 E IH 10	Browning Ferris Inc	15880 North Greenway-Hayden Loop, Scottsdale, AZ
685497	929100437	7400 E IH 10	BFI Waste Systems of North America Inc.	4542 SE LOOP 410, San Antonio, TX
685501	929100436	7412 E IH 10	BFI Waste Systems of North America Inc.	PO BOX 42165, Houston, TX
685502	929100478	7420 E IH 10	San Antonio Water System	---
685503*	929100435	7462 E IH 10	New Earth	New Earth, 7800 IH 10 E, San Antonio, TX
685509*	307074919	7800 E IH 10	New Earth	New Earth, 7800 IH 10 E, San Antonio, TX
685510*	307074918	7800 E IH 10	New Earth	New Earth, 7800 IH 10 E, San Antonio, TX

*New Earth is located on these parcels

Section 3

Process Description

The New Earth operation has two pads for material processing and storage. The process description below reflects composting activities on the expanded operation, which includes the existing pad (10 acres) and new pad (18 acres).

The facility composts a variety of waste materials and employs the windrow method of composting. Specifics of the operation and the basis for design are described below.

3.1 Feedstock Identification

New Earth intends to operate the facility primarily as a biosolids composting facility. Accordingly, New Earth plans to maximize the amount of biosolids that they receive and process. However, should the quantity of biosolids available be less than anticipated, they may take on other materials.

Table 3.1 lists the all feedstock materials that compost facility may receive, along with an estimated daily quantity. As noted above, not all materials listed will be consistently processed on site. The table also shows which materials are stockpiled.

**Table 3-1
Feedstock Identification**

Feedstock	Est. Daily Qty, cu vds.	Stockpiled
Biosolids	250	no
Manure	600	yes
Paunch Manure	70	no
Cow Manure	200	yes
Sawdust	200	yes
Vegetable Waste	30	no
De-packaged food,meat, fish, dairy, oil grease material and dead animal carcasses	75	no
Tree trimmings/wood waste	300	yes
Organic liquid wastes	140	no
Paper and Cardboard	10	no

Note: Feedstock daily quantities reflect the amount of material on both the existing and proposed compost pads.

All materials delivered to the site are visually screened for unauthorized and prohibited items.

3.2 Materials Receiving

Trucks with either live-bottom or end-dump trailers deliver the feedstock material to the facility. After entering the gate, the trucks continue to either the de-packaging facility or compost pad area and are directed to dump the material at the designated locations for the particular types of material. Non- stockpiled materials are unloaded near the active composting area or in the feedstock blending area, so that they can be immediately mixed into an active static pile or active windrow. ~~the pile.~~ Irrigation is available at this area for dust suppression and fire suppression.

Stockpiled materials are stored for a period of one month to one year depending on inventory levels and market conditions. Front-end loaders are used to transport these materials to active composting area.

3.3 Bulking Agent Preparation

The primary sources of bulking agent at the New Earth facility are tree trimmings, yard waste, and sawdust. Tree trimmings and other large bulking agents are ground with a tub grinder to ensure that they are the appropriate size for composting. Ground bulking agents are stored in the stockpile section of the facility.

3.4 Windrow Construction

Windrows are constructed on the facility's composting pads. To construct windrows, a base of bulking agent is first constructed. The facility typically uses two cubic yards of bulking agent for each cubic yard of biosolids processed. Other mix recipes are developed based upon the characteristics of the materials received. Bulking agents and biosolids are pre-mixed with a front end loader and then placed on the base to form a pile. Windrow sectional area is limited by the size of the Scarab used to turn the windrows and therefore does not exceed 7-feet in height and 18-feet in width. When sufficient material has been added to form the windrow, a layer of woodchips is placed on atop the pile.

3.5 Active Composting

Constructed windrows remain in place for 8 to 10 weeks. During this time, the temperature of windrows containing biosolids are monitored to ensure that they meet pathogen reduction requirements 30 TAC 312 and 40 CFR 503. The composting windrows are also turned at least five times in their initial 15 days of composting with the Scarab to meet regulatory requirements. Typically, however, New Earth turns and aerates the piles more frequently, as often as every other day.

Experience shows that over-drying of the windrows is an occasional issue. If over-drying occurs, the piles may be irrigated with water from the retention pond. The liquid is applied to the piles either by a system of irrigation pipes and sprinklers or by pumping directly from a tanker truck with high pressure, high volume hoses. Alternately, organic liquid wastes may be added (in the first three weeks of composting) to provide supplemental moisture. These procedures also help dust generation.

3.6 Curing

Once regulatory requirements are met, the windrows are broken down with a front-end loader, and the material moved to the curing piles. Curing piles are typically 13 feet high and contain about 81,000 cubic feet of material. The composted material remains in the curing piles anywhere from 1 month to 5 months.

3.7 Screening

Typically, New Earth creates compost soil blends. Depending on the blend desired, composted materials may or may not be screened. If screening is required to achieve the desired blend, then it is performed after the soil has been mixed with the cured compost.

When New Earth desires to generate a compost, or if undesirable materials are observed in the curing piles, then cured material will be screened. The screening is performed to separate woody or undesirable materials from the compost.

3.8 Storage

Finished compost and compost products may be stored onsite for up to 4 months, depending on product demand.

3.9 Production Distribution

As noted earlier, New Earth creates multiple products. Compost and compost blends containing biosolids are tested to assure that the products will meet or exceed Class A or EQ biosolids requirements.

Nearly all product from New Earth is sold in bulk. Materials are loaded onto semi-tractor trailers either by front-end loaders or by loading conveyors for distribution. The trucks then deliver the compost products to the customer.

Cured compost is either screened to $\frac{3}{4}$, $\frac{1}{2}$, or $\frac{3}{8}$ -inch for bulk sales or blended into a soil or non-soil media. We have many products but only a limited number of markets that include: landscaping soil blends, garden soils, potting soils, and turf dressing. Products are primarily sold in bulk but some bagging is performed. All sales are done through our onsite office and sales staff.

Records of each load of product sold, customer, date, delivery location, driver signature, and customer signature are recorded on a shipping document. These documents are then used for billing and recordkeeping and are stored onsite for two years and offsite for five years.

New Earth has never failed a test but in the event that product does not meet specifications it will return to the beginning stages of composting where it will be reintroduced into a new windrow and undergo a second complete cycle of composting. This process will occur until this product can meet our quality standards.

With the expanded facility, New Earth expects to generate about 340 cy of compost daily.

3.10 Process Diagram

Figure 3-1 is a schematic process diagram that illustrates the order and length of each stage of the composting process that was previously described. Figure 3-2 shows the site lay-out for both the existing and proposed compost pads, which indicates the section of the proposed compost pad that is dedicated to the various processes.

Appendix A contains the estimated calculations supporting the layout and indicating the quantities processed.

3.11 Compost Mass Balance, Energy Balance, C:N and Maturity

Calculations required by 30 TAC332.34 (12) are described below.

3.11.1 Mass Balance

A mass and volume balance for the operation is included in Appendix A.

3.11.2 Energy Balance

The focus of energy balance calculations is to ensure that feedstocks provide sufficient energy to achieve desired temperatures. A commonly used relationship, noted initially in Roger T. Haug's *Compost Engineering: Principles and Practice* (1980), was that the weight of water evaporated should not exceed the mass of volatile solids lost by more than a factor of 10. Specifically, he states that if the water-to-degradable organics ratio (W) is ≤ 10 , "sufficient energy should be available for temperature elevation and water evaporation." As shown in the mass balance (Appendix A), W is calculated to be 7 for this operation, and therefore the proposed mix provides sufficient energy for successful composting.

3.11.3 Carbon/nitrogen (C/N)

C/N calculations are shown on the mass balance (Appendix A). As shown in the balance, the expected mix ratio of 2 cy wood for each cy biosolids is expected to yield a feed mix C/N of 77. The C/N ratio may appear high, but detailed testing of the New Earth existing product (summarized in Table 3-2 and attached in Appendix H) indicates that the final product has an acceptable C/N. The extended active composting period (8 to 10 weeks) at the facility is a likely contributor in the reduction of the final product C/N ratio.

3.11.4 Maturity

For non-biosolids products, 30 TAC 332.71 requires Reduction in Organic Matter (ROM) calculations for the first 18 months of a facility's operation to demonstrate the material is mature. The calculated ROM (shown on the mass balance to be 28%) shall be used subsequently or compared to a minimum of three methods selected from the list provided in 30 TAC 332.71 (d)(1). This approach may not be appropriate for New Earth, as it is an existing facility that is expanding and will be primarily a biosolids composting operation.

Nonetheless, the facility – even for its biosolids compost – can demonstrate its focus on generating quality compost through historic testing performed to maintain its status in the

United States Composting Council (USCC) Seal of Testing Assurance (STA) program. The program requires testing in accordance with the USCC Test Methods for the Examination of Compost and Composting. This analytical method manual is also referenced in 30 TAC 332.71.

Table 3-2 summarizes a few of many stability and maturity indicators for compost generated at the facility from August 2006 to April 2007 (data is available prior to August 2006, but was generated by a different laboratory and is far less comprehensive). Data supporting the table and descriptions of the meaning of each test, as well as additional test data, are attached as **Appendix H**. Note that some parameters included in 30 TAC 332.71 under the term "maturity" are referred to as "stability" parameters. The term "stability" was retained in **Table 3-2** to allow better comparison between the Table and detailed data used to create the Table. Additionally, the terminology was retained so that descriptive material of specific tests (provided by Soil Control Lab and included with detailed test results) could be used.

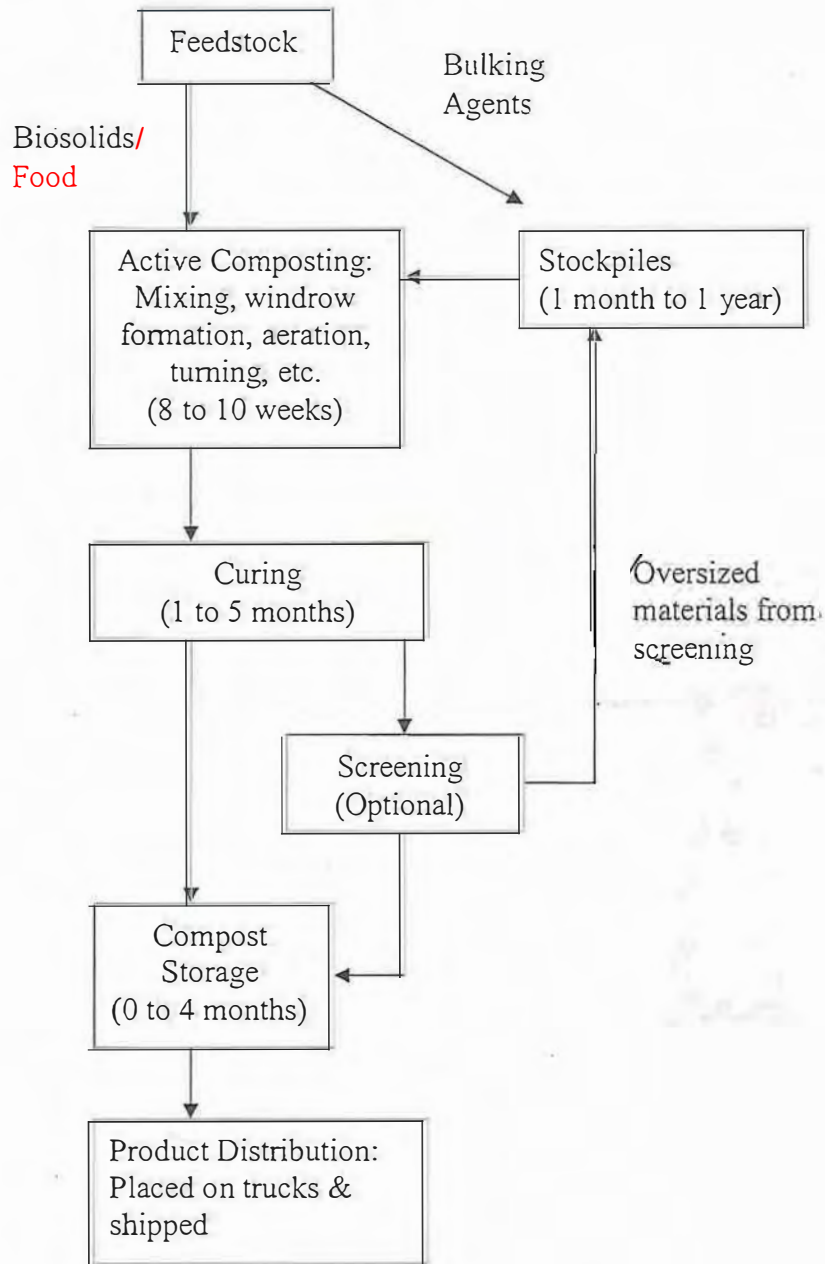
Table 3-2
Stability and Maturity Indicators

Parameter	Sample/Date			
	Aug 06	Nov 06	Jan/Feb 07	April 07
C/N	20	21	24	20
Stability Indicator				
CO ₂ Evolution				
mg CO ₂ -C/g OM/day	1.0	2.9	1.5	1.9
mg CO ₂ -C/g TS/day	0.35	1.6	0.75	0.84
Rating	Very Stable	Stable	Very Stable	Very Stable
Maturity Indicator				
Bioassay				
Emergence, ave % of control	100	100	100	100
Relative seedling vigor, ave % of control	100	100	100	100

3.12 Storm Water Management

In accordance with 30 TAC § 332.71(1), the proposed New Earth compost facility will be constructed, maintained, and operated to manage run-on and run-off during a 25-year, 24 hour rainfall event. Storm water management facilities for the new 18-acre compost pad will consist of a perimeter earthen berm and a retention pond. The perimeter berm will prevent run-off from entering the compost pad facility and run-on from leaving the facility. Entrance/exit ramps to the compost pad facility are designed in such a manner that the perimeter berm is not compromised and the desired run-off and run-on drainage scheme is maintained. The perimeter berm will direct upgradient run-off around the compost facility and into an existing drainage ditch that empties into an unnamed tributary of Martinez Creek. Storm water falling within the boundaries of the perimeter berm will be managed by an off-channel retention pond (i.e., pond is located on-site and does not drain to waters of the US). Retention pond sizing calculations are presented in Appendix C.

Based on operational observations with the adjacent compost facility, minimal leachate from the compost piles is expected to be generated during storm water events. The compost piles tend to absorb the storm water rather than allow it to leach. Should any leachate leave the compost piles, it will be collected in the retention pond



**Figure 3.1:
Process Diagram**



For Permitting Use Only:
 Figure No. 3-2a – Approximate Proposed Location of De-packaging Facility
 Prepared by Risa Weinberger & Associates, Inc. March 14, 2024

Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
 National Geographic, Esri, Garmin, HERE, UNEP-WCMC, USGS, NASA, ESA, METI, NRCAN, GEBCO, NOAA, TEDECO, and Swire

Section 4

Site Operating Plan



4.1 Personnel and Their Function

The composting facility basically requires only one person to perform daily operations. The title of this position is the General Manager, and this position has a large array of responsibilities. The General Manager oversees all administrative and management operations of the composting business for this facility. The tasks include permitting and license activities, maintenance of all records and forms, contracts for outside services, tours and lectures on the facility and the benefits of compost, and guidance for business development. This position is also responsible for processing of the compost piles and for monitoring all yard activities.

4.2 Equipment Used

Equipment used at the compost operation includes the following:

- Front-end Loaders - New Earth uses a total of 5 front end loaders for their composting operation. One loader with a 10 yard bucket and rake is used for loading the tub grinder and wood management. Two loaders with 7 yard buckets are used for compost production activities, including moving materials from stockpiles to the windrows and loading screens. Two smaller loaders are used at the facility's retail yard to load trucks for compost distribution.
- Scarab 18 - This heavy duty self-propelled unit mixes and turns the windrow with blades.
- Grinder - A tub grinder is necessary for size reduction of tree trimmings, brush, and pallets. New Earth has a new 14-ft. dia grinder equipped with nozzles to spray water during the grinding process for dust suppression.
- Excavator - New Earth uses an excavator to load wood into the grinder.
- Screens - The facility uses 4 screens in its operation to separate wood or undesirable materials from the compost or compost blends. Screens used at the facility include:
 - Portable trommel - with ½-in. screens
 - Portable vibrating screen - that provides a variety of screen sizes
 - Stationary trommel - with ½ in. screens
 - Stationary trammel - with ¾ in. screens
- Tractor - A tractor is used primarily for shredding materials.
- Tanker Truck - This truck is equipped with a 3,000 tank and nozzles to help irrigate composting windrows. It can also be used for fire suppression.
- Depackager - Packaged food will be separated from its packaging using de-packaging equipment to enable composting while minimizing contamination by packaging material.

The equipment listed above is used to handle the current compost loads. As the compost quantities increase, New Earth will purchase the equipment necessary to handle the additional material.

4.3 Property Control

This section discusses mechanisms in place at the facility to control and protect the property and the composting process.

4.3.1 Safety, Security & Site Access

The New Earth facility is secured by a perimeter fence and a locked gate, and the office is located near the gate to monitor the ingress and egress of the yard traffic. This gate secures the only road into or out of the property and is open from 5:00 AM to 6:00 PM. Prior permission from the Manager must be obtained for after hours entry to the yard. To further protect the facility after hours, a night watchman lives on the property.

4.3.2 Traffic Control

Clearly posted signs on the entrance road designate a fifteen mile per hour speed limit. On the compost pad, the vehicle speed limit is five miles per hour. Parking is allowed in designated areas. The public access road leading to the entrance road is clearly marked, cautioning motorists of truck traffic.

4.4 Control of Dumping

Dumping of the raw feedstock is controlled by enforcing dumping in the designated area and screening for inappropriate materials.

4.4.1 Designated Tipping Area

The General Manager oversees the Tipping Area to ensure that the trucks dump their material in the designated area. If one of the trucks drivers is unsure where to unload their material, the General Manager directs the person to the appropriate area.

The tipping area is cleared daily with a front-end loader. Once the biosolids are mixed with the wood chips the material is blended by the loader and then moved into a windrow for turning. After this material is removed from the tipping area, this area is then scraped down with the loader bucket to remove all remaining solids from the dumping and blending process. The scraped material is then placed into the windrow for composting. This process is repeated with each load received into the tipping area.

4.4.2 Screening Materials

All received materials are visually screened for unprocessable, prohibited, and unauthorized materials before dumping. Loads containing unauthorized materials are not allowed to dump, or are required to pick the load clean.

4.5 Fire Prevention

The fire prevention plan for the site incorporates suppression systems, best management practices and emergency response procedures. Fire suppression and prevention facilities on the existing pad include two 2-inch public water supply lines with two risers with ball valves and connections for fire hoses. One line is located on the existing compost pad and one located on the main road. A 4-in water supply line from the retention pond is supplied by a high volume, high pressure pump connected to four risers on the opposite side of the compost pad, equipped with ball valves and connections for fire hoses. The proposed compost pad includes similar fire suppression and prevention facilities to that of the existing pad. The two public water supply risers of the existing pad are located adjacent to the proposed pad and can consequently be used on the proposed pad. Supplementing the public water supply risers are approximately ten risers with ball valves and fire hose connections located around the perimeter of the proposed pad and connected to a 4-inch water supply line from the proposed pad's retention pond. The 4-inch water supply line is connected to a second high volume, high pressure pump. The retention ponds will be filled with public water if additional water is required during an emergency event. In addition, approximately two hundred feet of fire hose are on hand and located near the compost pads. All loaders are also equipped with fire extinguishers, and the office has three fire extinguishers on hand.

An active compost pile normally will not catch fire due to its high moisture content. However, feedstock, particularly manures, or closely monitored daily for any signs of spontaneous combustion. As a prevent measure, piles that are susceptible to fire are thoroughly soaked with water or waste liquids to increase moisture content.

In the event of a fire, the General Manager immediately determines the type and severity of the fire. Most spontaneous combustion fires in a pile are smoldering fires that burn internally. In this case, the pile is broken apart with front-end loaders and heavily doused with liquids until all remaining traces of fire are extinguished. The pile will remain broken apart for several days until it is determined that the fire is out.

However, if the event is a flaming fire, the situation is handled as an emergency. A brush pile fire is an example of this type of event. Hoses from the fire prevention system described above and the front-end loaders are employed immediately. The fire department is called unless the fire can be extinguished quickly. The hose bib connections are also compatible with local fire fighting equipment. The fire department can use water from the city water line and risers that extend along the pad or from the risers connected to the retention pond. A fire plug is also located approximately 100 feet from the main gate of the facility. A fire line is cut around the burning pile with the front-end loader and tractors to prevent the spread of the fire. All surrounding piles are also wet down so that air borne embers will not spread the fire.

4.6 Spill Response Actions

In the event of any spill of hydrocarbon products, hazardous substances, or facility chemicals of concern, the following spill response actions will be taken:

City of San Antonio Fire Department will be notified of the nature and extent of the spill via telephone (911 or 210-207-7744).

TCEQ Emergency Response 24-hour Hotline will be notified of the nature and extent of the spill via telephone (210-490-3096 or 800-832-8224).

Spills will be reported prior to any spill response activities

Absorbent materials will be used to contain small scale spill incidents.

Absorbent containment booms will be used to contain the discharge of larger scale spill incidents.

Any spill response actions will follow applicable OSHA health and safety regulations.

Any waste materials generated by spill response actions will be properly stored and disposed.

4.7 Control of Windblown Material

Water and collected stormwater are used to reduce blowing dust and control windblown material. The liquid may be applied by a tanker truck with a spray bar or by a high volume irrigation sprinkler. Collected stormwater will be used on the composting pad only, such that all runoff from water application will be controlled. Potable water will be applied, if necessary, via tanker truck to control dust from wood waste collection areas and facility roads.

4.8 Vector Control

Good composting practices enable successful vector control. To further control flies, fly parasites are used, a practice that New Earth has found to be beneficial. Fly parasites are added to the piles every three to four weeks during warm weather. No toxic poisons are used to control insects or pests.

4.9 Odor Mitigation

The facility will take proactive odor mitigation measures that include:

- Immediately process biosolids received on site. There will be no stockpiling of raw, unprocessed biosolids on site. Once biosolids have been received, they will immediately be blended with wood chips and placed into a new windrow for turning.
- Maintain optimal mix solids content of 35 to 45%. This will minimize the potential for anaerobic pockets (and odor generation) in the composting pile.
- Keep the pile well aerated. The mix ratio for the proposed composting operation calls for about 2 cubic yards wood chips for each cubic yard of biosolid composted. This ratio helps ensure that the mix is porous, promoting aeration. The composting pile will also be turned regularly for aeration - at least five times in the initial 15 days of composting. Typically,

however, New Earth turns and aerates the piles more frequently than this, as often as every other day.

Should odor conditions exist, the following additional measures will be implemented to mitigate off-site impacts:

- Plant operators will increase the frequency of windrow turning to allow for an increase in Oxygen/Carbon Dioxide (O₂/CO₂) exchange. This procedure will promote an aerobic environment and significantly reduce odors in a timely fashion.
- Minimize turning during early morning and late afternoon hours when meteorological conditions are quiescent (increased turning noted above would be in the late morning to early afternoon, or other times when wind conditions can assist with dispersion).

4.10 Quality Assurance and Control

As noted earlier, New Earth intends to operate this facility primarily as a biosolids composting facility.

New Earth complies with the provisions of 30 Texas Administrative Code (TAC) 312 regarding sludge and processed biosolids use, disposal, and transportation in Texas. Biosolids treated at this facility will meet all of the pathogen and vector reduction requirements for Class A compost, as well as the metal limits in 30 TAC §312.43 (b)(3).

Although New Earth's intent is to maximize the amount of compost made with biosolids, there may be instances when compost will be made without biosolids. For these instances, the compost will be tested in accordance to the testing regulations under 30 TAC §332.71.

4.10.1 Pathogen Reduction- Class A: §312.82 (F) Alternative 6 (PFRP Equivalent)

The chosen treatment alternative is a process that has been approved by the U.S. Environmental Protection Agency as being equivalent to those in §312.82 (E) Alternative 5. Thus, the sludge used or disposed of will be treated in one of the PFRP explained in 40 Code of Federal Regulations (CFR), Part 503, Appendix B so that the Pathogen Requirements for All Class A Alternatives will be met. Specifically, either the density of fecal coliform in the biosolids will be less than 1,000 most probable numbers (MPN) per gram total solids on a dry weight basis, or the density of *Salmonella* sp. bacteria in the biosolids will be less than 3 MPN per 4 grams of total solids on a dry weight basis. Either of the requirements described will be met at one of the following times: when the biosolids are used or disposed; when the biosolids are prepared for sale or give-way in a bag or other container for land application; or when the biosolids or derived materials are prepared to meet the requirements for EQ biosolids.

The pathogen reduction requirements will be met by employing process number 1 for Class A material of the PFRP's listed in U.S. EPA 40 CFR part 503, Appendix B regarding composting of biosolids. New Earth uses windrow composting, so the biosolids in the compost pile will

maintain a temperature of 55°C or higher for a minimum of 15 days or longer. The compost pile is turned a minimum of five times during the period when the compost pile is maintained at 55°C. This process is described in detail in this application.

4.10.2 Vector Attraction Reduction: §312.83 (b)(5)

Biosolids will be treated in the windrows process previously described, which enables the requirements for vector attraction reduction according to §312.83 (b)(5) to be met. Section §312.83 (b)(5) states that the biosolids must be treated in an aerobic process for 14 days or longer while maintaining a temperature and average temperature above 40 °C and 45 °C, respectively.

4.10.3 Sampling and Analysis

The composted biosolids generated at New Earth are intended for beneficial use as a soil amendment. Thus, the beneficial use requirements of EPA Part 503 and 30 TAC Chapter 312 will be followed. Specially applicable to this application are the requirements of 30 TAC Chapter 312, Subchapter B, §312.41 (c)(1). As described in the QAQC process above, the pathogen reduction requirements for Class A material in §312.82 (a) will be met along with one of the vector attraction reduction requirements of §312.83 (b)(1)-(8). The bulk derived material will also be tested to ensure that it meets the metal concentration limits in §312.43 (b)(3).

Table 4-1 shows the frequency of monitoring of the biosolids according to §312.46.

Table 4-1
Frequency of Monitoring

Amount of Biosolids (dry weight basis), metric tons per 365 day period	Frequency
Greater than 0 but less than 290	Once per year
Equal to or greater than 290 but less than 1,500	Once per quarter (four times per year)
Equal to or greater 1,500 but less than 15,000	Once per 60 days (six times per year)
Equal to or greater than 15,000	Once per month (twelve times per year)

4.10.3.1 Number of Samples

EPA Part 503 and 30 TAC 312 do not establish a requirement for the number of samples that must be taken. However, on any particular batch of biosolids compost, a large enough number of samples will be obtained to determine the extent of the variation from the average result. The objective is to obtain a representative sample as required by EPA Part 503. New Earth will use a composite sample made up of several samples taken over a period of time and/or from different locations on the same pile. The composite sample, combined from the grab samples, will be sent to a laboratory for analysis.

4.10.3.2 Sampling Technique

Grab samples of finished compost are collected from finished piles per EPA Guide to Part 503 Rule Table 6-5 Sampling Points for Biosolids.

4.10.3.3 Time of Sampling

Monitoring will be done sufficiently close to the time of biosolids use or disposal so that the data are available for product certification purposes. Sampling and monitoring will be done before land application or surface disposal, before the biosolids are packaged for sale or give-away for land application, or before biosolids are prepared to meet EQ requirements.

4.10.3.4 Types of Sampling Equipment

Sampling equipment will be made of materials that will not contaminate or react with the biosolids. All equipment will be kept clean to avoid contamination and will be sterilized prior to sampling.

4.10.3.5 Sample Volume

A minimum sample of 1-4 liters will be taken, per EPA Guide to Part 503 Rule Table 6-6, Proper Conditions for Biosolids Sampling. This sample will be reduced at the laboratory to approximately 300 mL samples.

4.10.4 Recordkeeping: §312.47 & §332.33(a)(3)

The General Manager at New Earth will develop and retain the following information for five years:

- The concentration of each metal listed in Table 3 of §312.43(b)(3), which relates to metal limits in the material.
- The certification statement listed in 30 TAC Chapter 12 §312.47 (a)(2)(B).
- The description on how to meet the Class A pathogen requirements in §312.82 (a) of 30 TAC Chapter 312.
- The description on how to meet on of the vector attraction reduction requirements in §312.83 (b)(1)-(8) of 30 TAC Chapter 312.

Additionally, the operator shall submit annual written reports to the Texas Commission on Environmental Quality which include input and output quantities, end-product distribution, and all results of required laboratory testing.

4.11 Equipment Failures and Alternative Plans

Equipment failures will be repaired as quickly as possible to prevent disruption to operations. Rental equipment may be used if the equipment can not be repaired fast enough to avoid operation disruption.

Rental equipment that is comparable to the site equipment is immediately available from a heavy equipment sales and rental business located within 2 miles of New Earth. Any rented equipment may be driven down the road to the facility; or, if the failed equipment is stationary, the rent equipment may be transported by truck. An open account has already been established.

4.12 Description of the Intended Final Use of Material

The anticipated final grade of the composted biosolids will be Class A, and the material will meet "EQ" standards. As previously described, all biosolids compost will be subject to sampling and analysis by an outside laboratory to assure that the requirements for Class A in EPA 503 Part B and 30 TAC Chapter 312 have been met.

4.13 Construction Plans and Specifications

The construction plans and specifications for the existing compost pad were submitted with the 1996 Garden-Ville Research and Recycling Park registration application. This application was approved (RN100847409), and a copy of the Garden-Ville application is in Appendix B.

The Geotechnical Engineering Report and correspondence supporting the proposed pad design (including the suitability of site soils as a liner) are in Appendix C. As shown in the Geotechnical Engineering Report, permeability testing was conducted on two samples of undisturbed Stratum I dark gray clays and on two samples of remolded Stratum I dark gray clays for the compost pad. Also, permeability testing was conducted on a single sample of undisturbed Stratum II tan and gray clays for the compost pond. The permeability of these clays varied between 1.8×10^{-8} cm/sec to 6.4×10^{-8} cm/sec. According to the Operational Requirements Rule No. 332.37 of the Texas Administrative Code, these values are less than the required 1×10^{-7} cm/sec. The Stratum I dark gray clays and the Stratum II tan and gray clays also exceed the other minimum requirements of Rule 332.37. Thus, they are suitable for use as a line for the proposed compost pad and for the compost pond at this site.

The proposed compost pad will be constructed on top of the natural subgrade. Two feet of on-site dark gray clays will be overlaid by a followed by 19-inch thick flexible base course (TxDOT item 247, type A, grades 1 or 2) which will serve as the pad's working surface. The on-site Stratum I, dry gray clays and the flexible base course are compacted in maximum 8" loose lifts to 95% maximum dry density per TxDOT TEX-113-E compaction test +/- .2% optimum moisture content. The proposed compost pad will be sloped to maintain drainage to the retention pond.

For additional information about the pad expansion, refer to Appendix E for the construction plans and specifications for the proposed pad.

4.14 Closure Plan

Upon closing, what remain of compost, mulches, Class A biosolids compost, Class A biosolids, and feedstock materials will be transferred to the Browning Ferris Industries landfill site on Tessman Road in San Antonio for landfill disposal. Browning Ferris Industries is permitted for this kind of activity.

Used composting equipment will be sold.

In addition the pads and retention ponds will be tested for contamination for the metals concentration limits listed in 30 TAC Chapter 312. Any contaminated material not meeting standards will be excavated and disposed of at an authorized disposal facility.

4.15 Financial Assurance

For the existing compost facility, New Earth has their closure estimate and Financial Assurance, which was obtained from their financial carrier, on file with TCEQ under regulation number 42012. The closure estimate and Financial Assurance will be updated to include the proposed compost pad addition and given to TCEQ, and a copy of these documents is in Appendix D.

Application Form for Municipal Solid Waste

Permit or Registration Modification or Temporary Authorization New Earth

Registration 42032

Attachment 4

Unmarked Revised Pages

New Earth

Texas Commission on Environmental Quality

Compost Facility

San Antonio, Bexar County, Texas

New Site Registration Application

July 2007

Revised March 14, 2024

by Risa Weinberger & Associates, Inc.

Risa Weinberger & Associates, Inc.

214-729-7071

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Submitted to:

Texas Commission on
Environmental Quality
Municipal Solid Waste Permits
(MC-124)
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Section 2

Site Description

2.1 Legal Description

The official legal description of the property owned by New Earth, Inc. can be seen in the Deed for the property, which is located in Section 1.10. This Deed was filed in the e-records of Bexar County on November 15, 2018 (Record 20180224672). From this point forward, New Earth, Inc. will be referred to as New Earth in this application.

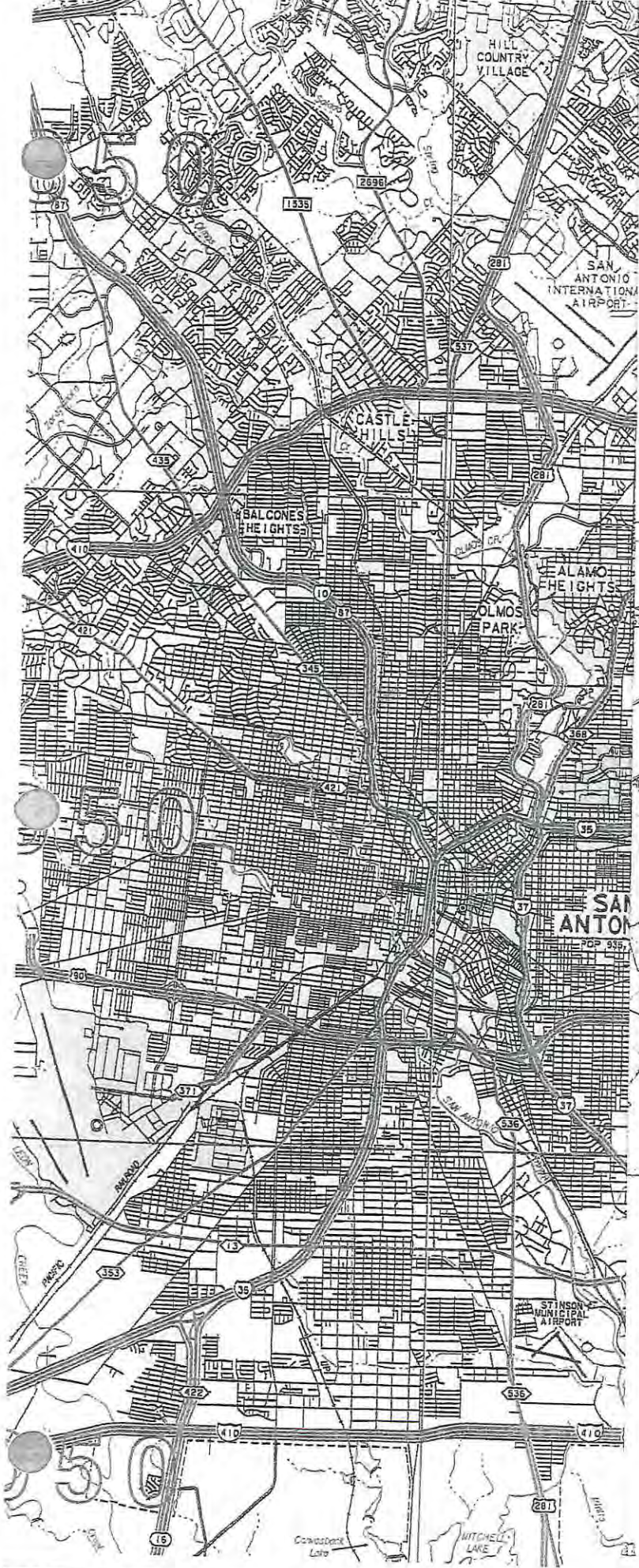
A registered professional land surveyor also examined the property. Refer to the Deed in Section 1.10 for the signed and sealed copy of the site description as well as the site drawing including boundary metes and bounds.

2.2 Location Description

The New Earth Composting Facility is located within the City of San Antonio city limits in Bexar County at 7800 Interstate Highway 10 East. This property is 1.4 miles from the intersection of Interstate 10 and Farm to Market Road 1516. The southwest corner of the facility has the latitude and longitude coordinates of 29° 26' 43" N and 98° 20' 14" W, respectively. Figure 2.1 displays the site location on a county map prepared by Texas Department of Transportation (TxDOT).

2.3 Landowners List

Table 2.1 provides a complete list of landowners adjacent to and nearby the New Earth Property. The property id found on the landowners list corresponds with the property id located on Figure 2.2, which is a Map displaying the location of the landowners.



Coordinates:
 29° 43' N
 99° 14' W

5549				
5749	5750	5751	5752	
5849	5850	5851	5852	5853
5949	San Antonio 5950 @ 5951		5952	
6049	6050	6051	6052	
6149	6150	6151		

KEY TO SUPPLEMENTARY SHEETS



**BEXAR COUNTY
 TEXAS**

SCALE IN MILES



2000

1990 CENSUS FIGURES
 HIGHWAYS REVISED TO APRIL 1, 2000

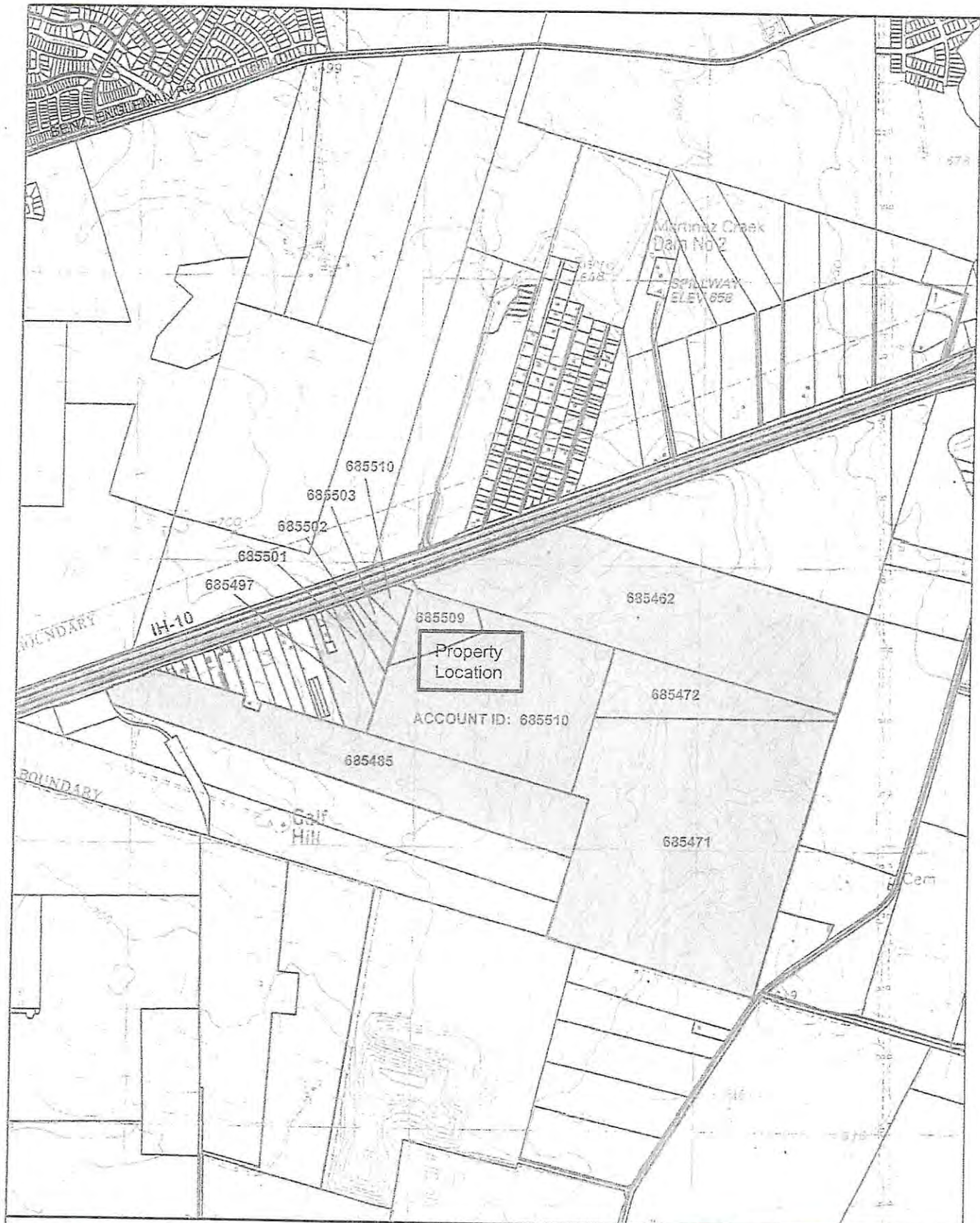
NOTICE

This map has been prepared for internal use within the Texas Department of Transportation. Accuracy is limited to the validity of available data as of dates shown.

TRAVEL INFORMATION

Dial 1-800-452-9292 for travel assistance from a professional Texas travel counselor, including routing in Texas, emergency road condition information, and other travel services; or to register a comment or complaint about Department operations.

Copies of this map are available for public use at nominal cost from the Texas Department of Transportation, 113 E. Riverside Dr., Austin, Texas 78704 or mail requests may be sent to the Finance Division, P.O. Box 3020, Austin, Texas 78763-5020.



New Earth Composting
 Registration
 Application



FIGURE 2.2: LANDOWNERS MAP
 BEXAR COUNTY

1 inch equals 1,500 feet

Table 2.1
List of Landowners

Account ID	Bexar County ID	Situs Location	Owner	Address
685462	929100529	7810 E IH 10	Golla Charles E	7810 E IH 10, San Antonio, TX
685471	929100526	S FM 1516	Dague Darlene S & Mrs. Etal Leslie Steubing	19300 Classen Crest # 1, San Antonio, TX
685472	929100528	S FM 1516	Dague Darlene S & Mrs. Etal Leslie Steubing	19300 Classen Crest # 1, San Antonio, TX
685485	311076037	7000 E IH 10	Browning Ferris Inc	15880 North Greenway-Hayden Loop, Scottsdale, AZ
685497	929100437	7400 E IH 10	BFI Waste Systems of North America Inc.	4542 SE LOOP 410, San Antonio, TX
685501	929100436	7412 E IH 10	BFI Waste Systems of North America Inc.	PO BOX 42165, Houston, TX
685502	929100478	7420 E IH 10	San Antonio Water System	---
685503*	929100435	7462 E IH 10	New Earth	New Earth, 7800 IH 10 E, San Antonio, TX
685509*	307074919	7800 E IH 10	New Earth	New Earth, 7800 IH 10 E, San Antonio, TX
685510*	307074918	7800 E IH 10	New Earth	New Earth, 7800 IH 10 E, San Antonio, TX

*New Earth is located on these parcels

Section 3

Process Description

The New Earth operation has two pads for material processing and storage. The process description below reflects composting activities on the expanded operation, which includes the existing pad (10 acres) and new pad (18 acres).

The facility composts a variety of waste materials and employs the windrow method of composting. Specifics of the operation and the basis for design are described below.

3.1 Feedstock Identification

New Earth intends to operate the facility primarily as a biosolids composting facility. Accordingly, New Earth plans to maximize the amount of biosolids that they receive and process. However, should the quantity of biosolids available be less than anticipated, they may take on other materials.

Table 3.1 lists the all feedstock materials that compost facility may receive, along with an estimated daily quantity. As noted above, not all materials listed will be consistently processed on site. The table also shows which materials are stockpiled.

**Table 3-1
Feedstock Identification**

Feedstock	Est. Daily Qty, cu vds.	Stockpiled
Biosolids	250	no
Manure	600	yes
Paunch Manure	70	no
Cow Manure	200	yes
Sawdust	200	yes
Vegetable Waste	30	no
De-packaged food, meat fish, dairy, oil grease materials and dead animal carcasses	75	no
Tree trimmings/wood waste	300	yes
Organic liquid wastes	140	no
Paper and Cardboard	10	no

Note: Feedstock daily quantities reflect the amount of material on both the existing and proposed compost pads.

All materials delivered to the site are visually screened for unauthorized and prohibited items.

3.2 Materials Receiving

Trucks with either live-bottom or end-dump trailers deliver the feedstock material to the facility. After entering the gate, the trucks continue to either the de-packaging facility or compost pad area and are directed to dump the material at the designated locations for the particular types of material. Non- stockpiled materials are unloaded near the active composting area or in the feedstock blending area, so that they can be immediately mixed into an active static pile or active windrow. Irrigation is available at this area for dust suppression and fire suppression.

Stockpiled materials are stored for a period of one month to one year depending on inventory levels and market conditions. Front-end loaders are used to transport these materials to active composting area.

3.3 Bulking Agent Preparation

The primary sources of bulking agent at the New Earth facility are tree trimmings, yard waste, and sawdust. Tree trimmings and other large bulking agents are ground with a tub grinder to ensure that they are the appropriate size for composting. Ground bulking agents are stored in the stockpile section of the facility.

3.4 Windrow Construction

Windrows are constructed on the facility's composting pads. To construct windrows, a base of bulking agent is first constructed. The facility typically uses two cubic yards of bulking agent for each cubic yard of biosolids processed. Other mix recipes are developed based upon the characteristics of the materials received. Bulking agents and biosolids are pre-mixed with a front end loader and then placed on the base to form a pile. Windrow sectional area is limited by the size of the Scarab used to turn the windrows and therefore does not exceed 7-feet in height and 18-feet in width. When sufficient material has been added to form the windrow, a layer of woodchips is placed on atop the pile.

3.5 Active Composting

Constructed windrows remain in place for 8 to 10 weeks. During this time, the temperature of windrows containing biosolids are monitored to ensure that they meet pathogen reduction requirements 30 TAC 312 and 40 CFR 503. The composting windrows are also turned at least five times in their initial 15 days of composting with the Scarab to meet regulatory requirements. Typically, however, New Earth turns and aerates the piles more frequently, as often as every other day.

Experience shows that over-drying of the windrows is an occasional issue. If over-drying occurs, the piles may be irrigated with water from the retention pond. The liquid is applied to the piles either by a system of irrigation pipes and sprinklers or by pumping directly from a tanker truck with high pressure, high volume hoses. Alternately, organic liquid wastes may be added (in the first three weeks of composting) to provide supplemental moisture. These procedures also help dust generation.

3.6 Curing

Once regulatory requirements are met, the windrows are broken down with a front-end loader, and the material moved to the curing piles. Curing piles are typically 13 feet high and contain about 81,000 cubic feet of material. The composted material remains in the curing piles anywhere from 1 month to 5 months.

3.7 Screening

Typically, New Earth creates compost soil blends. Depending on the blend desired, composted materials may or may not be screened. If screening is required to achieve the desired blend, then it is performed after the soil has been mixed with the cured compost.

When New Earth desires to generate a compost, or if undesirable materials are observed in the curing piles, then cured material will be screened. The screening is performed to separate woody or undesirable materials from the compost.

3.8 Storage

Finished compost and compost products may be stored onsite for up to 4 months, depending on product demand.

3.9 Production Distribution

As noted earlier, New Earth creates multiple products. Compost and compost blends containing biosolids are tested to assure that the products will meet or exceed Class A or EQ biosolids requirements.

Nearly all product from New Earth is sold in bulk. Materials are loaded onto semi-tractor trailers either by front-end loaders or by loading conveyors for distribution. The trucks then deliver the compost products to the customer.

Cured compost is either screened to $\frac{3}{4}$, $\frac{1}{2}$, or $\frac{3}{8}$ -inch for bulk sales or blended into a soil or non-soil media. We have many products but only a limited number of markets that include: landscaping soil blends, garden soils, potting soils, and turf dressing. Products are primarily sold in bulk but some bagging is performed. All sales are done through our onsite office and sales staff.

Records of each load of product sold, customer, date, delivery location, driver signature, and customer signature are recorded on a shipping document. These documents are then used for billing and recordkeeping and are stored onsite for two years and offsite for five years.

New Earth has never failed a test but in the event that product does not meet specifications it will return to the beginning stages of composting where it will be reintroduced into a new windrow and undergo a second complete cycle of composting. This process will occur until this product can meet our quality standards.

With the expanded facility, New Earth expects to generate about 340 cy of compost daily.

3.10 Process Diagram

Figure 3-1 is a schematic process diagram that illustrates the order and length of each stage of the composting process that was previously described. Figure 3-2 shows the site lay-out for both the existing and proposed compost pads, which indicates the section of the proposed compost pad that is dedicated to the various processes.

Appendix A contains the estimated calculations supporting the layout and indicating the quantities processed.

3.11 Compost Mass Balance, Energy Balance, C:N and Maturity

Calculations required by 30 TAC332.34 (12) are described below.

3.11.1 Mass Balance

A mass and volume balance for the operation is included in **Appendix A**.

3.11.2 Energy Balance

The focus of energy balance calculations is to ensure that feedstocks provide sufficient energy to achieve desired temperatures. A commonly used relationship, noted initially in Roger T. Haug's *Compost Engineering: Principles and Practice* (1980), was that the weight of water evaporated should not exceed the mass of volatile solids lost by more than a factor of 10. Specifically, he states that if the water-to-degradable organics ratio (W) is ≤ 10 , "sufficient energy should be available for temperature elevation and water evaporation." As shown in the mass balance (**Appendix A**), W is calculated to be 7 for this operation, and therefore the proposed mix provides sufficient energy for successful composting.

3.11.3 Carbon/nitrogen (C/N)

C/N calculations are shown on the mass balance (**Appendix A**). As shown in the balance, the expected mix ratio of 2 cy wood for each cy biosolids is expected to yield a feed mix C/N of 77. The C/N ratio may appear high, but detailed testing of the New Earth existing product (summarized in **Table 3-2** and attached in **Appendix H**) indicates that the final product has an acceptable C/N. The extended active composting period (8 to 10 weeks) at the facility is a likely contributor in the reduction of the final product C/N ratio.

3.11.4 Maturity

For non-biosolids products, 30 TAC 332.71 requires Reduction in Organic Matter (ROM) calculations for the first 18 months of a facility's operation to demonstrate the material is mature. The calculated ROM (shown on the mass balance to be 28%) shall be used subsequently or compared to a minimum of three methods selected from the list provided in 30 TAC 332.71 (d)(1). This approach may not be appropriate for New Earth, as it is an existing facility that is expanding and will be primarily a biosolids composting operation.

Nonetheless, the facility - even for its biosolids compost - can demonstrate its focus on generating quality compost through historic testing performed to maintain its status in the

United States Composting Council (USCC) Seal of Testing Assurance (STA) program. The program requires testing in accordance with the USCC Test Methods for the Examination of Compost and Composting. This analytical method manual is also referenced in 30 TAC 332.71.

Table 3-2 summarizes a few of many stability and maturity indicators for compost generated at the facility from August 2006 to April 2007 (data is available prior to August 2006, but was generated by a different laboratory and is far less comprehensive). Data supporting the table and descriptions of the meaning of each test, as well as additional test data, are attached as **Appendix H**. Note that some parameters included in 30 TAC 332.71 under the term "maturity" are referred to as "stability" parameters. The term "stability" was retained in **Table 3-2** to allow better comparison between the Table and detailed data used to create the Table. Additionally, the terminology was retained so that descriptive material of specific tests (provided by Soil Control Lab and included with detailed test results) could be used.

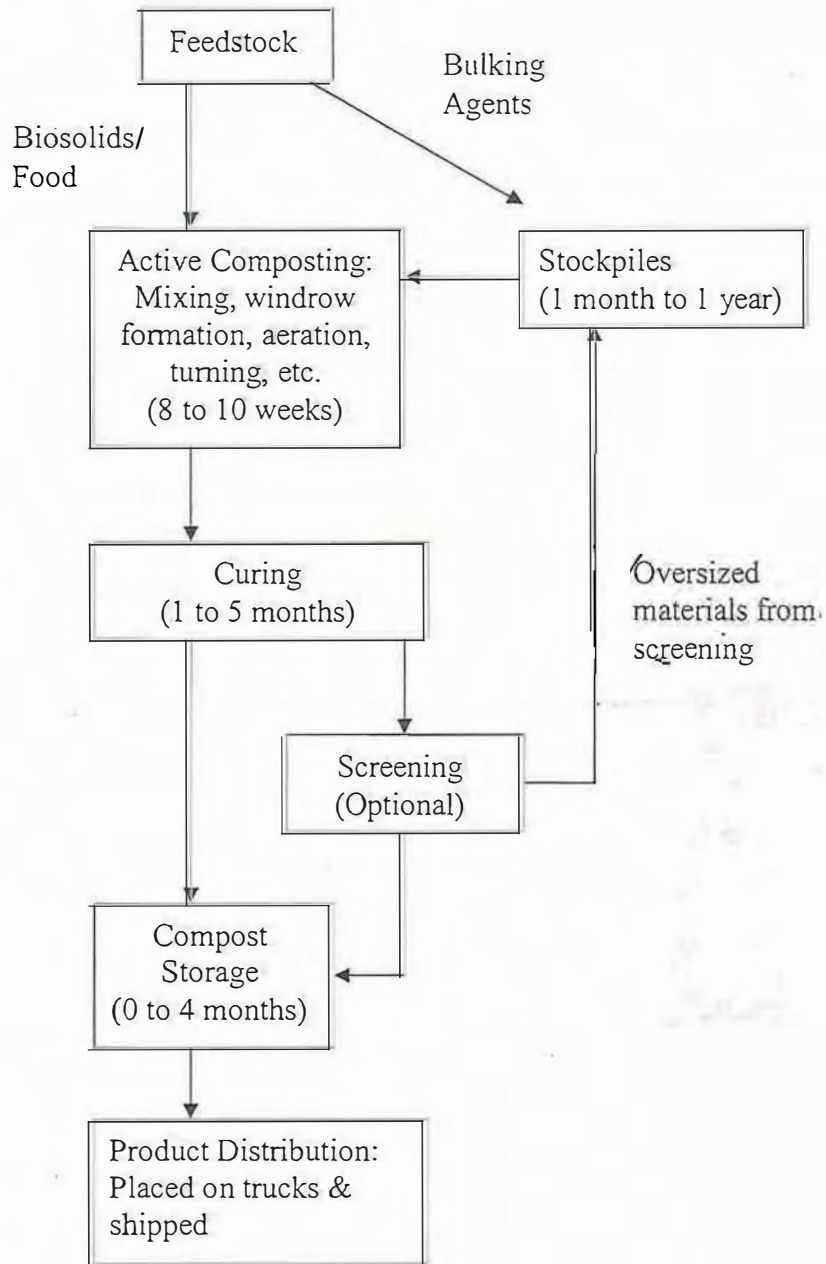
Table 3-2
Stability and Maturity Indicators

Parameter	Sample/Date			
	Aug 06	Nov 06	Jan/Feb 07	April 07
C/N	20	21	24	20
Stability Indicator				
CO ₂ Evolution				
mg CO ₂ -C/g OM/day	1.0	2.9	1.5	1.9
mg CO ₂ -C/g TS/day	0.35	1.6	0.75	0.84
Rating	Very Stable	Stable	Very Stable	Very Stable
Maturity Indicator				
Bioassay				
Emergence, ave % of control	100	100	100	100
Relative seedling vigor, ave % of control	100	100	100	100

3.12 Storm Water Management

In accordance with 30 TAC § 332.71(1), the proposed New Earth compost facility will be constructed, maintained, and operated to manage run-on and run-off during a 25-year, 24 hour rainfall event. Storm water management facilities for the new 18-acre compost pad will consist of a perimeter earthen berm and a retention pond. The perimeter berm will prevent run-off from entering the compost pad facility and run-on from leaving the facility. Entrance/exit ramps to the compost pad facility are designed in such a manner that the perimeter berm is not compromised and the desired run-off and run-on drainage scheme is maintained. The perimeter berm will direct upgradient run-off around the compost facility and into an existing drainage ditch that empties into an unnamed tributary of Martinez Creek. Storm water falling within the boundaries of the perimeter berm will be managed by an off-channel retention pond (i.e., pond is located on-site and does not drain to waters of the US). Retention pond sizing calculations are presented in Appendix C.

Based on operational observations with the adjacent compost facility, minimal leachate from the compost piles is expected to be generated during storm water events. The compost piles tend to absorb the storm water rather than allow it to leach. Should any leachate leave the compost piles, it will be collected in the retention pond



**Figure 3.1:
Process Diagram**



CLIENT: **WeCare Denali, LLC**
7800 IH 10 East
San Antonio, Texas

CLIENT: **new earth**

OWN BY: JCD
CHECK BY: EC
DATE: 08/20/2021

PROJECT: **Stormwater Pollution Prevention Plan**

DATE: SEPTEMBER 2021
PROJECT NO.: 670321003

Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
National Geographic, Esri, Garmin, HERE, UNEP-WCMC, USGS, NOAA, FEMA, MCT, NRCAN, GEBCO, NOAA, International O. Centre

For Permitting Use Only:
 Figure No. 3-2a – Approximate Proposed location of De-packaging Facility
 Prepared by Risa Weinberger & Associates, Inc. March 14, 2024

Section 4

Site Operating Plan



4.1 Personnel and Their Function

The composting facility basically requires only one person to perform daily operations. The title of this position is the General Manager, and this position has a large array of responsibilities. The General Manager oversees all administrative and management operations of the composting business for this facility. The tasks include permitting and license activities, maintenance of all records and forms, contracts for outside services, tours and lectures on the facility and the benefits of compost, and guidance for business development. This position is also responsible for processing of the compost piles and for monitoring all yard activities.

4.2 Equipment Used

Equipment used at the compost operation includes the following:

- Front-end Loaders - New Earth uses a total of 5 front end loaders for their composting operation. One loader with a 10 yard bucket and rake is used for loading the tub grinder and wood management. Two loaders with 7 yard buckets are used for compost production activities, including moving materials from stockpiles to the windrows and loading screens. Two smaller loaders are used at the facility's retail yard to load trucks for compost distribution.
- Scarab 18 - This heavy duty self-propelled unit mixes and turns the windrow with blades.
- Grinder - A tub grinder is necessary for size reduction of tree trimmings, brush, and pallets. New Earth has a new 14-ft. dia grinder equipped with nozzles to spray water during the grinding process for dust suppression.
- Excavator - New Earth uses an excavator to load wood into the grinder.
- Screens - The facility uses 4 screens in its operation to separate wood or undesirable materials from the compost or compost blends. Screens used at the facility include:
 - Portable trommel - with ½-in. screens
 - Portable vibrating screen - that provides a variety of screen sizes
 - Stationary trommel - with ½ in. screens
 - Stationary trammel - with ¾ in. screens
- Tractor - A tractor is used primarily for shredding materials.
- Tanker Truck - This truck is equipped with a 3,000 tank and nozzles to help irrigate composting windrows. It can also be used for fire suppression.
- Depackager - Packaged food will be separated from its packaging using de-packaging equipment to enable composting while minimizing contamination by packaging material.

The equipment listed above is used to handle the current compost loads. As the compost quantities increase, New Earth will purchase the equipment necessary to handle the additional material.

4.3 Property Control

This section discusses mechanisms in place at the facility to control and protect the property and the composting process.

4.3.1 Safety, Security & Site Access

The New Earth facility is secured by a perimeter fence and a locked gate, and the office is located near the gate to monitor the ingress and egress of the yard traffic. This gate secures the only road into or out of the property and is open from 5:00 AM to 6:00 PM. Prior permission from the Manager must be obtained for after hours entry to the yard. To further protect the facility after hours, a night watchman lives on the property.

4.3.2 Traffic Control

Clearly posted signs on the entrance road designate a fifteen mile per hour speed limit. On the compost pad, the vehicle speed limit is five miles per hour. Parking is allowed in designated areas. The public access road leading to the entrance road is clearly marked, cautioning motorists of truck traffic.

4.4 Control of Dumping

Dumping of the raw feedstock is controlled by enforcing dumping in the designated area and screening for inappropriate materials.

4.4.1 Designated Tipping Area

The General Manager oversees the Tipping Area to ensure that the trucks dump their material in the designated area. If one of the trucks drivers is unsure where to unload their material, the General Manager directs the person to the appropriate area.

The tipping area is cleared daily with a front-end loader. Once the biosolids are mixed with the wood chips the material is blended by the loader and then moved into a windrow for turning. After this material is removed from the tipping area, this area is then scraped down with the loader bucket to remove all remaining solids from the dumping and blending process. The scraped material is then placed into the windrow for composting. This process is repeated with each load received into the tipping area.

4.4.2 Screening Materials

All received materials are visually screened for unprocessable, prohibited, and unauthorized materials before dumping. Loads containing unauthorized materials are not allowed to dump, or are required to pick the load clean.

4.5 Fire Prevention

The fire prevention plan for the site incorporates suppression systems, best management practices and emergency response procedures. Fire suppression and prevention facilities on the existing pad include two 2-inch public water supply lines with two risers with ball valves and connections for fire hoses. One line is located on the existing compost pad and one located on the main road. A 4-in water supply line from the retention pond is supplied by a high volume, high pressure pump connected to four risers on the opposite side of the compost pad, equipped with ball valves and connections for fire hoses. The proposed compost pad includes similar fire suppression and prevention facilities to that of the existing pad. The two public water supply risers of the existing pad are located adjacent to the proposed pad and can consequently be used on the proposed pad. Supplementing the public water supply risers are approximately ten risers with ball valves and fire hose connections located around the perimeter of the proposed pad and connected to a 4-inch water supply line from the proposed pad's retention pond. The 4-inch water supply line is connected to a second high volume, high pressure pump. The retention ponds will be filled with public water if additional water is required during an emergency event. In addition, approximately two hundred feet of fire hose are on hand and located near the compost pads. All loaders are also equipped with fire extinguishers, and the office has three fire extinguishers on hand.

An active compost pile normally will not catch fire due to its high moisture content. However, feedstock, particularly manures, or closely monitored daily for any signs of spontaneous combustion. As a prevent measure, piles that are susceptible to fire are thoroughly soaked with water or waste liquids to increase moisture content.

In the event of a fire, the General Manager immediately determines the type and severity of the fire. Most spontaneous combustion fires in a pile are smoldering fires that burn internally. In this case, the pile is broken apart with front-end loaders and heavily doused with liquids until all remaining traces of fire are extinguished. The pile will remain broken apart for several days until it is determined that the fire is out.

However, if the event is a flaming fire, the situation is handled as an emergency. A brush pile fire is an example of this type of event. Hoses from the fire prevention system described above and the front-end loaders are employed immediately. The fire department is called unless the fire can be extinguished quickly. The hose bib connections are also compatible with local fire fighting equipment. The fire department can use water from the city water line and risers that extend along the pad or from the risers connected to the retention pond. A fire plug is also located approximately 100 feet from the main gate of the facility. A fire line is cut around the burning pile with the front-end loader and tractors to prevent the spread of the fire. All surrounding piles are also wet down so that air borne embers will not spread the fire.

4.6 Spill Response Actions

In the event of any spill of hydrocarbon products, hazardous substances, or facility chemicals of concern, the following spill response actions will be taken:

City of San Antonio Fire Department will be notified of the nature and extent of the spill via telephone (911 or 210-207-7744).

TCEQ Emergency Response 24-hour Hotline will be notified of the nature and extent of the spill via telephone (210-490-3096 or 800-832-8224).

Spills will be reported prior to any spill response activities

Absorbent materials will be used to contain small scale spill incidents.

Absorbent containment booms will be used to contain the discharge of larger scale spill incidents.

Any spill response actions will follow applicable OSHA health and safety regulations.

Any waste materials generated by spill response actions will be properly stored and disposed.

4.7 Control of Windblown Material

Water and collected stormwater are used to reduce blowing dust and control windblown material. The liquid may be applied by a tanker truck with a spray bar or by a high volume irrigation sprinkler. Collected stormwater will be used on the composting pad only, such that all runoff from water application will be controlled. Potable water will be applied, if necessary, via tanker truck to control dust from wood waste collection areas and facility roads.

4.8 Vector Control

Good composting practices enable successful vector control. To further control flies, fly parasites are used, a practice that New Earth has found to be beneficial. Fly parasites are added to the piles every three to four weeks during warm weather. No toxic poisons are used to control insects or pests.

4.9 Odor Mitigation

The facility will take proactive odor mitigation measures that include:

- Immediately process biosolids received on site. There will be no stockpiling of raw, unprocessed biosolids on site. Once biosolids have been received, they will immediately be blended with wood chips and placed into a new windrow for turning.
- Maintain optimal mix solids content of 35 to 45%. This will minimize the potential for anaerobic pockets (and odor generation) in the composting pile.
- Keep the pile well aerated. The mix ratio for the proposed composting operation calls for about 2 cubic yards wood chips for each cubic yard of biosolid composted. This ratio helps ensure that the mix is porous, promoting aeration. The composting pile will also be turned regularly for aeration - at least five times in the initial 15 days of composting. Typically,

however, New Earth turns and aerates the piles more frequently than this, as often as every other day.

Should odor conditions exist, the following additional measures will be implemented to mitigate off-site impacts:

- Plant operators will increase the frequency of windrow turning to allow for an increase in Oxygen/Carbon Dioxide (O₂/CO₂) exchange. This procedure will promote an aerobic environment and significantly reduce odors in a timely fashion.
- Minimize turning during early morning and late afternoon hours when meteorological conditions are quiescent (increased turning noted above would be in the late morning to early afternoon, or other times when wind conditions can assist with dispersion).

4.10 Quality Assurance and Control

As noted earlier, New Earth intends to operate this facility primarily as a biosolids composting facility.

New Earth complies with the provisions of 30 Texas Administrative Code (TAC) 312 regarding sludge and processed biosolids use, disposal, and transportation in Texas. Biosolids treated at this facility will meet all of the pathogen and vector reduction requirements for Class A compost, as well as the metal limits in 30 TAC §312.43 (b)(3).

Although New Earth's intent is to maximize the amount of compost made with biosolids, there may be instances when compost will be made without biosolids. For these instances, the compost will be tested in accordance to the testing regulations under 30 TAC §332.71.

4.10.1 Pathogen Reduction- Class A: §312.82 (F) Alternative 6 (PFRP Equivalent)

The chosen treatment alternative is a process that has been approved by the U.S. Environmental Protection Agency as being equivalent to those in §312.82 (E) Alternative 5. Thus, the sludge used or disposed of will be treated in one of the PFRP explained in 40 Code of Federal Regulations (CFR), Part 503, Appendix B so that the Pathogen Requirements for All Class A Alternatives will be met. Specifically, either the density of fecal coliform in the biosolids will be less than 1,000 most probable numbers (MPN) per gram total solids on a dry weight basis, or the density of *Salmonella* sp. bacteria in the biosolids will be less than 3 MPN per 4 grams of total solids on a dry weight basis. Either of the requirements described will be met at one of the following times: when the biosolids are used or disposed; when the biosolids are prepared for sale or give-way in a bag or other container for land application; or when the biosolids or derived materials are prepared to meet the requirements for EQ biosolids.

The pathogen reduction requirements will be met by employing process number 1 for Class A material of the PFRP's listed in U.S. EPA 40 CFR part 503, Appendix B regarding composting of biosolids. New Earth uses windrow composting, so the biosolids in the compost pile will

maintain a temperature of 55°C or higher for a minimum of 15 days or longer. The compost pile is turned a minimum of five times during the period when the compost pile is maintained at 55°C. This process is described in detail in this application.

4.10.2 Vector Attraction Reduction: §312.83 (b)(5)

Biosolids will be treated in the windrows process previously described, which enables the requirements for vector attraction reduction according to §312.83 (b)(5) to be met. Section §312.83 (b)(5) states that the biosolids must be treated in an aerobic process for 14 days or longer while maintaining a temperature and average temperature above 40 °C and 45 °C, respectively.

4.10.3 Sampling and Analysis

The composted biosolids generated at New Earth are intended for beneficial use as a soil amendment. Thus, the beneficial use requirements of EPA Part 503 and 30 TAC Chapter 312 will be followed. Specially applicable to this application are the requirements of 30 TAC Chapter 312, Subchapter B, §312.41 (c)(1). As described in the QAQC process above, the pathogen reduction requirements for Class A material in §312.82 (a) will be met along with one of the vector attraction reduction requirements of §312.83 (b)(1)-(8). The bulk derived material will also be tested to ensure that it meets the metal concentration limits in §312.43 (b)(3).

Table 4-1 shows the frequency of monitoring of the biosolids according to §312.46.

Table 4-1
Frequency of Monitoring

Amount of Biosolids (dry weight basis), metric tons per 365 day period	Frequency
Greater than 0 but less than 290	Once per year
Equal to or greater than 290 but less than 1,500	Once per quarter (four times per year)
Equal to or greater 1,500 but less than 15,000	Once per 60 days (six times per year)
Equal to or greater than 15,000	Once per month (twelve times per year)

4.10.3.1 Number of Samples

EPA Part 503 and 30 TAC 312 do not establish a requirement for the number of samples that must be taken. However, on any particular batch of biosolids compost, a large enough number of samples will be obtained to determine the extent of the variation from the average result. The objective is to obtain a representative sample as required by EPA Part 503. New Earth will use a composite sample made up of several samples taken over a period of time and/or from different locations on the same pile. The composite sample, combined from the grab samples, will be sent to a laboratory for analysis.

4.10.3.2 Sampling Technique

Grab samples of finished compost are collected from finished piles per EPA Guide to Part 503 Rule Table 6-5 Sampling Points for Biosolids.

4.10.3.3 Time of Sampling

Monitoring will be done sufficiently close to the time of biosolids use or disposal so that the data are available for product certification purposes. Sampling and monitoring will be done before land application or surface disposal, before the biosolids are packaged for sale or give-away for land application, or before biosolids are prepared to meet EQ requirements.

4.10.3.4 Types of Sampling Equipment

Sampling equipment will be made of materials that will not contaminate or react with the biosolids. All equipment will be kept clean to avoid contamination and will be sterilized prior to sampling.

4.10.3.5 Sample Volume

A minimum sample of 1-4 liters will be taken, per EPA Guide to Part 503 Rule Table 6-6, Proper Conditions for Biosolids Sampling. This sample will be reduced at the laboratory to approximately 300 mL samples.

4.10.4 Recordkeeping: §312.47 & §332.33(a)(3)

The General Manager at New Earth will develop and retain the following information for five years:

- The concentration of each metal listed in Table 3 of §312.43(b)(3), which relates to metal limits in the material.
- The certification statement listed in 30 TAC Chapter 12 §312.47 (a)(2)(B).
- The description on how to meet the Class A pathogen requirements in §312.82 (a) of 30 TAC Chapter 312.
- The description on how to meet on of the vector attraction reduction requirements in §312.83 (b)(1)-(8) of 30 TAC Chapter 312.

Additionally, the operator shall submit annual written reports to the Texas Commission on Environmental Quality which include input and output quantities, end-product distribution, and all results of required laboratory testing.

4.11 Equipment Failures and Alternative Plans

Equipment failures will be repaired as quickly as possible to prevent disruption to operations. Rental equipment may be used if the equipment can not be repaired fast enough to avoid operation disruption.

Rental equipment that is comparable to the site equipment is immediately available from a heavy equipment sales and rental business located within 2 miles of New Earth. Any rented equipment may be driven down the road to the facility; or, if the failed equipment is stationary, the rent equipment may be transported by truck. An open account has already been established.

4.12 Description of the Intended Final Use of Material

The anticipated final grade of the composted biosolids will be Class A, and the material will meet "EQ" standards. As previously described, all biosolids compost will be subject to sampling and analysis by an outside laboratory to assure that the requirements for Class A in EPA 503 Part B and 30 TAC Chapter 312 have been met.

4.13 Construction Plans and Specifications

The construction plans and specifications for the existing compost pad were submitted with the 1996 Garden-Ville Research and Recycling Park registration application. This application was approved (RN100847409), and a copy of the Garden-Ville application is in Appendix B.

The Geotechnical Engineering Report and correspondence supporting the proposed pad design (including the suitability of site soils as a liner) are in Appendix C. As shown in the Geotechnical Engineering Report, permeability testing was conducted on two samples of undisturbed Stratum I dark gray clays and on two samples of remolded Stratum I dark gray clays for the compost pad. Also, permeability testing was conducted on a single sample of undisturbed Stratum II tan and gray clays for the compost pond. The permeability of these clays varied between 1.8×10^{-8} cm/sec to 6.4×10^{-8} cm/sec. According to the Operational Requirements Rule No. 332.37 of the Texas Administrative Code, these values are less than the required 1×10^{-7} cm/sec. The Stratum I dark gray clays and the Stratum II tan and gray clays also exceed the other minimum requirements of Rule 332.37. Thus, they are suitable for use as a line for the proposed compost pad and for the compost pond at this site.

The proposed compost pad will be constructed on top of the natural subgrade. Two feet of on-site dark gray clays will be overlaid by a followed by 19-inch thick flexible base course (TxDOT item 247, type A, grades 1 or 2) which will serve as the pad's working surface. The on-site Stratum I, dry gray clays and the flexible base course are compacted in maximum 8" loose lifts to 95% maximum dry density per TxDOT TEX-113-E compaction test +/- .2% optimum moisture content. The proposed compost pad will be sloped to maintain drainage to the retention pond.

For additional information about the pad expansion, refer to Appendix E for the construction plans and specifications for the proposed pad.

4.14 Closure Plan

Upon closing, what remain of compost, mulches, Class A biosolids compost, Class A biosolids, and feedstock materials will be transferred to the Browning Ferris Industries landfill site on Tessman Road in San Antonio for landfill disposal. Browning Ferris Industries is permitted for this kind of activity.

Used composting equipment will be sold.

In addition the pads and retention ponds will be tested for contamination for the metals concentration limits listed in 30 TAC Chapter 312. Any contaminated material not meeting standards will be excavated and disposed of at an authorized disposal facility.

4.15 Financial Assurance

For the existing compost facility, New Earth has their closure estimate and Financial Assurance, which was obtained from their financial carrier, on file with TCEQ under regulation number 42012. The closure estimate and Financial Assurance will be updated to include the proposed compost pad addition and given to TCEQ, and a copy of these documents is in Appendix D.

Application Form for Municipal Solid Waste
Permit or Registration Modification or Temporary Authorization

New Earth Registration 42032

Attachment 5

TCEQ Core Data Form



TCEQ Core Data Form

For detailed instructions on completing this form, please read the Core Data Form Instructions or call 512-239-5175.

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
<input type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)		<input checked="" type="checkbox"/> Other Compost Facility Registration Modification
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN 603657651		RN 100847409

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (3/14/2024)	
<input type="checkbox"/> New Customer <input checked="" type="checkbox"/> Update to Customer Information <input checked="" type="checkbox"/> Change in Regulated Entity Ownership <input checked="" type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)			
<i>The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).</i>			
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)		<i>If new Customer, enter previous Customer below:</i>	
New Earth, LLC		L&H Leasing, Ltd. DBA New Earth	
7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)
803904286		68-0660872	
11. Type of Customer:	<input type="checkbox"/> Corporation	<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input checked="" type="checkbox"/> Limited
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input type="checkbox"/> Other	<input type="checkbox"/> Sole Proprietorship	<input type="checkbox"/> Other:	
12. Number of Employees		13. Independently Owned and Operated?	
<input checked="" type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher		<input type="checkbox"/> Yes <input type="checkbox"/> No	
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following			
<input type="checkbox"/> Owner <input type="checkbox"/> Operator <input checked="" type="checkbox"/> Owner & Operator <input type="checkbox"/> Other: <input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant			
15. Mailing Address:	7800 IH-10 East		
City	San Antonio	State	TX
ZIP	78219	ZIP + 4	4800
16. Country Mailing Information (if outside USA)		17. E-Mail Address (if applicable)	
		kennedy@denaliwater.com	
18. Telephone Number	19. Extension or Code	20. Fax Number (if applicable)	
708-935-6100			

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If 'New Regulated Entity' is selected, a new permit application is also required.)									
<input type="checkbox"/> New Regulated Entity <input checked="" type="checkbox"/> Update to Regulated Entity Name <input checked="" type="checkbox"/> Update to Regulated Entity Information									
<i>The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).</i>									
22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)									
New Earth									
23. Street Address of the Regulated Entity: <i>(No PO Boxes)</i>		7800 IH-10 East							
		City	San Antonio	State	TX	ZIP	78219	ZIP + 4	4800
24. County									

If no Street Address is provided, fields 25-28 are required.

25. Description to Physical Location:		1.4 miles west of FM 1516 and IH-10 in Bexar County							
26. Nearest City			State			Nearest ZIP Code			
San Antonio			TX			78219			
<i>Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).</i>									
27. Latitude (N) In Decimal:			28. Longitude (W) In Decimal:						
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds				
29	26	43	98	20	14				
29. Primary SIC Code (4 digits)		30. Secondary SIC Code (4 digits)		31. Primary NAICS Code (5 or 6 digits)		32. Secondary NAICS Code (5 or 6 digits)			
2875				325315					
33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.)									
Compost and mulch manufacturing									
34. Mailing Address:		7800 IH-10 East							
		City	San Antonio	State	TX	ZIP	78219	ZIP + 4	7800
35. E-Mail Address:		kennedy@denaliwater.com							
36. Telephone Number			37. Extension or Code			38. Fax Number (if applicable)			
(708) 935-6100						() -			

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form. See the Core Data Form instructions for additional guidance.

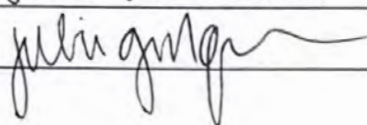
<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
<input checked="" type="checkbox"/> Municipal Solid Waste 42032	<input type="checkbox"/> New Source Review Air	<input type="checkbox"/> OSSF	<input type="checkbox"/> Petroleum Storage Tank	<input type="checkbox"/> PWS
<input type="checkbox"/> Sludge	<input checked="" type="checkbox"/> Storm Water	<input type="checkbox"/> Title V Air	<input type="checkbox"/> Tires	<input type="checkbox"/> Used Oil
<input type="checkbox"/> Voluntary Cleanup	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input type="checkbox"/> Other:

SECTION IV: Preparer Information

40. Name:	Risa Weinberger	41. Title:	P.E.
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(214) 729-7071		() -	risa@risawassoc.com

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

Company:	Denali	Job Title:	Environmental Manager
Name (In Print):	Julia Gustafson	Phone:	(469) 919-1858
Signature:		Date:	3/14/24

Application Form for Municipal Solid Waste
Permit or Registration Modification or Temporary Authorization

New Earth Registration 42032

Attachment 6
Fee Payment Receipt

Transaction Information

Trace Number: 582EA000600268
Date: 03/05/2024 09:27 AM
Payment Method: CC - Authorization 0000098762
ePay Actor: JULIA GUSTAFSON
Actor Email: julia.gustafson@denaliwater.com
IP: 12.119.189.118
TCEQ Amount: \$150.00
Texas.gov Price: \$153.63*

* This service is provided by Texas.gov, the official website of Texas. The price of this service includes funds that support the ongoing operations and enhancements of Texas.gov, which is provided by a third party in partnership with the State.

Payment Contact Information

Name: JULIA GUSTAFSON
Company: DENALI
Address: 220 S COMMERCE ST, RUSSELLVILLE, AR 72801
Phone: 469-919-1858

Cart Items

Click on the voucher number to see the voucher details.

Voucher	Fee Description	AR Number	Amount
694876	MSW PERMIT/REGISTRATION/AMEND/MOD/TEMP AUTHORIZATIONS APPLICATION FEE		\$100.00
694877	30 TAC 305.53B MWP NOTIFICATION FEE		\$50.00
TCEQ Amount:			\$150.00

Application Form for Municipal Solid Waste
Permit or Registration Modification or Temporary Authorization

New Earth Registration 42032

Attachment 7

Property Legal Description

IN WITNESS WHEREOF, THIS SPECIAL WARRANTY DEED has been executed on the date set forth below in the acknowledgment, to be effective as of the 15th day of October, 2018.

L & H LEASING CO., LTD., a Texas limited partnership

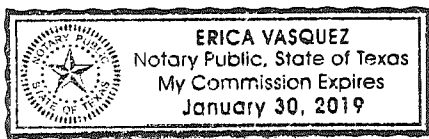
By: KEL-GP, LLC, a Texas limited liability company, its General Partner

By: [Signature]
Neal E. Leonard, Manager

STATE OF TEXAS §
 §
COUNTY OF BEXAR §

Before me Erica Vasquez, Notary Public, State of Texas, on this day personally appeared Neal E. Leonard, Manager of **KEL-GP, LLC**, a Texas limited liability company, General Partner of **L & H LEASING CO., LTD.**, a Texas limited partnership, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office this 16th day of October, A.D., 2018.



[Signature]
Notary Public, State of Texas
My Commission Expires: ~~01.30.19~~ 01.30.19

AFTER RECORDING RETURN TO:

New Earth, Inc.
P.O. Box 8058
San Antonio, Texas 78208

EXHIBIT A

Tract 1:

Lot 33, N.C.B. 17994, Garden Ville Research Subdivision, City of San Antonio, Bexar County, Texas, according to a plat thereof recorded in Volume 9533, Page 134, Deed and Plat Records, Bexar County, Texas.

Save and Except that portion of Lot 33 having been Vacated by Vacating Declaration filed June 24, 1997 and recorded in Volume 7121, Page 803, Real Property Records, Bexar County, Texas. Said portion being more particularly described therein.

Tract 2:

Lot 34, N.C.B. 17994, Garden Ville Research Subdivision II, City of San Antonio, Bexar County, Texas, according to a plat thereof recorded in Volume 9537, Page 104, Deed and Plat Records, Bexar County, Texas.

EXHIBIT B
PERMITTED EXCEPTIONS

Validly existing easements, rights-of-way, and prescriptive rights, whether of record or not; all presently recorded and validly existing instruments, other than conveyances of the surface fee estate, that affect the Property.

File Information

**eFILED IN THE OFFICIAL PUBLIC eRECORDS OF BEXAR COUNTY
GERARD C. RICKHOFF, BEXAR COUNTY CLERK**

Document Number: 20180224672
Recorded Date: November 15, 2018
Recorded Time: 11:30 AM
Total Pages: 5
Total Fees: \$38.00

**** THIS PAGE IS PART OF THE DOCUMENT ****

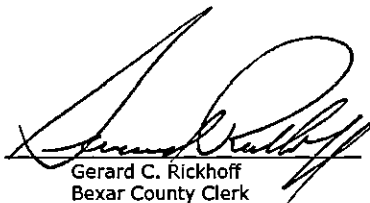
**** Do Not Remove ****

Any provision herein which restricts the sale or use of the described real property because of race is invalid and unenforceable under Federal law

STATE OF TEXAS, COUNTY OF BEXAR

I hereby Certify that this instrument was eFILED in File Number Sequence on this date and at the time stamped hereon by me and was duly eRECORDED in the Official Public Record of Bexar County, Texas on: 11/15/2018 11:30 AM




Gerard C. Rickhoff
Bexar County Clerk

Application Form for Municipal Solid Waste
Permit or Registration Modification or Temporary Authorization

New Earth Registration 42032

Attachment 8
Property Metes and Bounds Description

S&C SURVEYORS

Joseph H. Cash
Registered Professional Land Surveyor

FIELD NOTES
FOR

100.112 Acres of Land out of the Guadalupe Torres Survey No. 38, Abstract 739, County Block 5090, NCB 17994, San Antonio, Bexar County, Texas and being that 100.311 Acre Tract conveyed to Douglas Wise and Charles Black by Deed dated November 13, 1972 as recorded in Volume 6941, Page 356 of the Deed Records of Bexar County, Texas and said 100.112 Acres being further described as follows:

BEGINNING: At a found $\frac{1}{2}$ " iron pin in the South R.O.W. Line of I.H. 10 for the Northwest Corner of this Tract and said 100.311 Acre Tract, said point being 1.4 miles in a westerly direction from the intersection of Interstate 10 and Farm to Market Road 1516;

THENCE: With the South R.O.W. Line of I.H. 10 N 70° 32' 04" E a distance of 158.93 feet to a found $\frac{1}{2}$ " iron pin for a Corner of this Tract;

THENCE: Leaving the South R.O.W. Line of I.H. 10 S 26° 29' 13" E a distance of 125.68 feet to a found $\frac{1}{2}$ " iron pin for a Corner of this Tract;

THENCE: S 73° 43' 44" E a distance of 2369.90 feet to a found $\frac{1}{2}$ " iron pin for the Northeast Corner of this Tract;

THENCE: S 16° 15' 31" W a distance of 1779.99 feet to a found $\frac{1}{2}$ " iron pin for the Southeast Corner of this Tract;

THENCE: N 73° 45' 13" W a distance of 654.92 feet to a found $\frac{1}{2}$ " iron pin for a Corner of this Tract;

THENCE: N 73° 18' 51" W a distance of 1366.17 feet to a found $\frac{1}{2}$ " iron pin for a Corner of this Tract;

THENCE: N 72° 44' 58" W a distance of 434.39 feet to a found $\frac{1}{2}$ " iron pin for the Southwest Corner of this Tract;

THENCE: N 16° 32' 09" E a distance of 1762.71 feet to a found $\frac{1}{2}$ " iron pin for a Corner of this Tract;

THENCE: N 73° 50' 37" W a distance of 137.39 feet to the POINT OF BEGINNING and containing 100.112 Acres.

EXHIBIT "A"



Job No. 3-91-099
January 9, 1995

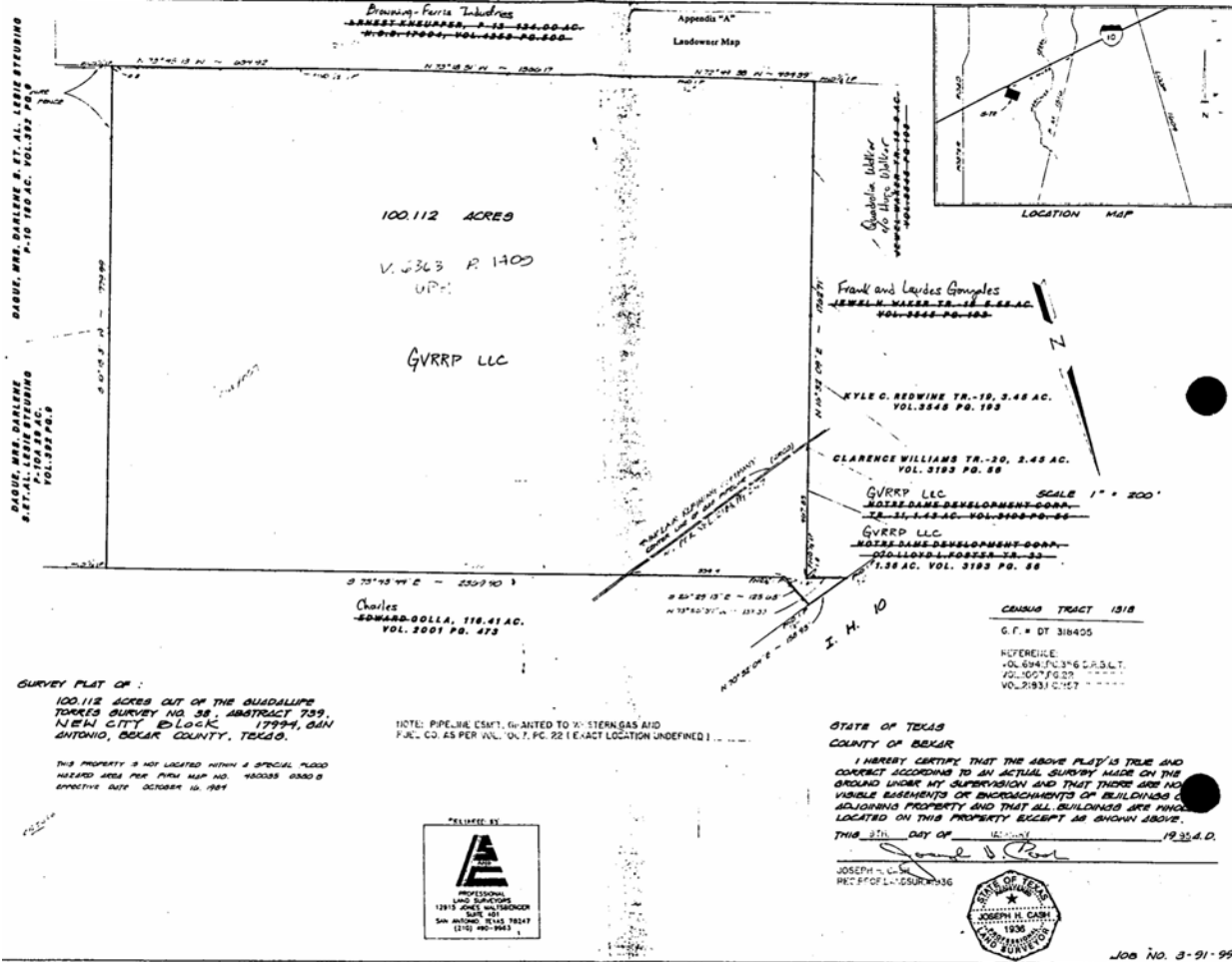
A handwritten signature in cursive script, appearing to read "Joseph H. Cash".

12915 JONES MALTSBERGER ROAD, SAN ANTONIO, TEXAS 78247 • (210) 490-9963

Application Form for Municipal Solid Waste
Permit or Registration Modification or Temporary Authorization

New Earth Registration 42032

Attachment 9
Metes and Bounds Drawing



Application Form for Municipal Solid Waste
Permit or Registration Modification or Temporary Authorization

New Earth Registration 42032

Attachment 10
Property Owner Affidavit

Property Owner Affidavit for Processing Facility

I acknowledge in accordance with 30 TAC 330.59(d)(2) that the State of Texas may hold me either jointly or severally responsible for the operation, maintenance, and closure of the facility. I further acknowledge that the facility owner or operator and the State of Texas shall have access to the property during the active life and post-closure care period for the purpose of inspection and maintenance.

Name: William J. Kennedy

Email Address: BILL.KENNEDY@DENALIWATER.COM

Signature: Wm. J. Kennedy Date: 3/7/2024

Notary

SUBSCRIBED AND SWORN to before me by the said William Kennedy

On this 7 day of MARCH, 2024

My commission expires on the 18 day of Feb, 2026

Harriet M. Kennedy
Notary Public in and for

Kankakee County, IL (notary's jurisdiction, including county and state)



Note: Application Must Bear Signature & Seal of Notary Public

Application Form for Municipal Solid Waste
Permit or Registration Modification or Temporary Authorization

New Earth Registration 42032

Attachment 11
Verification of Legal Status

Corporations Section
P.O.Box 13697
Austin, Texas 78711-3697



Jane Nelson
Secretary of State

Office of the Secretary of State

Certificate of Fact

The undersigned, as Secretary of State of Texas, does hereby certify that the document, Certificate of Conversion for New Earth, LLC (file number 803904286), a Domestic Limited Liability Company (LLC), was filed in this office on January 15, 2021.

It is further certified that the entity status in Texas is in existence.

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on March 07, 2024.



A handwritten signature in black ink that reads "Jane Nelson".

Jane Nelson
Secretary of State

Application Form for Municipal Solid Waste
Permit or Registration Modification or Temporary Authorization

New Earth Registration · 42032

Attachment 12

Evidence of Competency

The following employees work at the New Earth composting facility in San Antonio, Texas (43032). Their experience working in composting and license are described below to illustrate competency to operate the facility.

- Greg Weidenfeller holds a TCEQ Municipal Solid Waste Facility Operators License (B), number SW0005590. He has 14 years of experience working in composting.
- Casey Smart has 18 years of experience working in composting.

Additional employees on the site have various degrees of training and experience in composting.

The following facilities are under mutual ownership and operation as the New Earth composting facility in San Antonio, Texas (42032).

- New Earth Conroe composting facility in Montgomery County (42037) which has been in operation from September 20, 2010 to present.
- New Earth Grand Parkway Composting facility in Waller County (42041) which has been in operation from January 18, 2018 to present.
- New Earth Grand Parkway Recycling composting facility (100439) which has been in operation from September 1, 2015 to present.

Application Form for Municipal Solid Waste
Permit or Registration Modification or Temporary Authorization

New Earth Registration 42032

Attachment 13
Documentation of Financial Assurance

Arthur J. Gallagher Risk Management Services, LLC
 Rolling Meadows, IL 60008
 Phone: (630)773-3800

SAN

SELJO1

Invoice #	4894227	1 of 1
ACCOUNT NUMBER	DATE	
DENAWAT-01	10/26/2023	
BALANCE DUE ON	AMOUNT DUE	
12/17/2023	\$3,863.00	

Denali Water Solutions LLC
 220 South Commerce Avenue, 1st Floor
 Russellville, AR 72801



AMORTIZE OVER THE TERM OF THE BOND

Contract/Performance Bond PolicyNumber: 612402858 Company: United States Fire Insurance Company **Effective:** 12/17/2023 to 12/16/2024

Item #	Trans Eff Date	Due Date	Trans	Description	Amount
32362823	12/17/2023	12/17/2023	RENB	Renewal Premium	\$3,863.00
\$309,000 Payment bond, TCEQ					

Rate: 12.50/1000 @ 30% comm
 Refer to bond form for cancellation provisions

Questions, contact Jodie Sellers at 6302854084



Total Invoice Balance: \$3,863.00

PAYMENT BOND

Date bond executed: December 17, 2021

Effective Date: December 17, 2021

Principal: (legal name and business address of owner and operator) Denali Water Solutions LLC, 3308 Bernice Avenue, Russellville, AR 72802

Type of Organization: (insert "individual," "joint venture," "partnership," or "corporation,") Corporation

State of Incorporation: DE

Surety(ies): (name(s) and business address(es)) United States Fire Insurance Company 305 MADISON AVENUE, MORRISTOWN, NJ 07960

Permit number, name, physical and mailing addresses, and closure, post closure, or corrective action amount(s) for each facility guaranteed by this bond (indicate closure, post closure, or corrective action amounts separately for each facility): See Attachment

Total penal sum of bond: \$ 309,000.00

Surety's bond number: 612402858

Know All Persons By These Presents, That we, the Principal and Surety(ies) hereto are firmly bound to the Texas Commission on Environmental Quality, hereinafter called TCEQ, in the above penal sum for the payment of which we bind ourselves, our heirs, executors, administrators, successors, and assigns jointly and severally; provided that, where the Surety(ies) are corporations acting as co-sureties, we, the Sureties, bind ourselves in such sum "jointly and severally" only for the purpose of allowing a joint action or actions against any or all of us, and for all other purposes each Surety binds itself, jointly and severally with the Principal, for the payment of such sum only as is set forth opposite the name of such Surety, but if no limit of liability is indicated, the limit of liability shall be the full amount of the penal sum.

Whereas said Principal is required, under the appropriate program area, to comply with permit requirements in order to own or operate each facility identified above, and

Whereas said Principal is required to provide financial assurance for closure, post closure, or corrective action as a condition of the permit or other applicable requirements;

Now, therefore, the conditions of the obligation are such that if the Principal shall faithfully, before the beginning of final closure of, or corrective action at, each facility identified above, fund into the Texas Commission on Environmental Quality's (TCEQ) account with the Texas Comptroller the amount(s) identified above for the facility,

Or, if the Principal shall fund into TCEQ's account with the Texas Comptroller in such amount(s) within 15 days after a final order to begin final closure or perform corrective action is issued by the TCEQ executive director or a U.S. district court or other court of competent jurisdiction,

Or, if the Principal shall provide alternate financial assurance, as specified in 30 Texas Administrative Code, Chapter 37 (relating to Financial Assurance) and obtain the TCEQ executive director's written approval of such assurance, within 90 days after the date notice of cancellation is received by both the Principal and the TCEQ executive director from the Surety(ies), then this obligation shall be null and void; otherwise it is to remain in full force and effect.

The Surety(ies) shall become liable on this bond obligation only when the Principal has failed to fulfill the conditions described above. Upon notification by the TCEQ executive director that the Principal has failed to perform as guaranteed by this bond, the Surety(ies) shall place funds in the amount guaranteed for the facility(ies) into TCEQ's account with the Texas Comptroller as directed by the TCEQ executive director.

The liability of the Surety(ies) shall not be discharged by any payment or succession of payments hereunder, unless and until such payment or payments shall amount in the aggregate to the penal sum of the bond, but in no event shall the obligation of the Surety(ies) hereunder exceed the amount of said penal sum.

The Surety(ies) may cancel the bond by sending notice of cancellation by certified mail to the Principal and to the TCEQ executive director provided, however, that cancellation shall not occur during the 120 days beginning on the date of receipt of the notice of cancellation by both the Principal and the TCEQ executive director, as evidenced by the return receipts.

The Principal may terminate this bond by sending written notice to the Surety(ies), provided, however, that no such notice shall become effective until the Surety(ies) receive(s) written authorization for termination of the bond by the TCEQ executive director.

In Witness Whereof, the Principal and Surety(ies) have executed this Payment Bond and have affixed their seals on the date set forth above.

The persons whose signatures appear below hereby certify that they are authorized to execute this surety bond on behalf of the Principal and Surety(ies).

Denali Water Solutions LLC

Principal

(Signature(s))

Name(s))

(Title(s))

(Corporate seal)

Corporate Surety(ies)

(Name and

address) United States Fire Insurance Company, 305 MADISON AVENUE, MORRISTOWN, NJ 07960

State of Incorporation: DE

Liability limit: \$ 136,838,000

(Signature(s))

(Name(s) and title(s)) William T Krumm, Attorney-in-Fact

(Corporate Seal)

(For every co-surety, provide signature(s), corporate seal, and other information in the same manner as for Surety above.)

Bond premium: \$ 3,863.00

Attachment A

Permit number, name, physical and mailing addresses, and closure, post closure, or corrective action amount(s) for each facility guaranteed by this bond (indicate closure, post closure, or corrective action amounts separately for each facility):

- MSW Registration No. 42032 - \$50,000 – 7800 E IH 10, San Antonio, TX 78219
- MSW Registration No. 42037 - \$75,000 – 12286 Highway 105 E, Conroe, TX 77306
- MSW Registration No. 42041 - \$21,500 – 6205 FM 2855, Brookshire, TX 77423
- MSW Registration No. 100439 - \$162,500 – 6205 FM 2855, Brookshire, TX 77423

VERIFICATION CERTIFICATE FOR INDEFINITE TERM SURETY BOND

THIS IS TO CERTIFY that Bond No. 612402858, issued by United States Fire Insurance Company, dated this 17th Day of December, 2021, in the amount of Three Hundred Nine Thousand Dollars and 00/100 Dollars (\$309,000.00), on behalf of Denali Water Solutions LLC (as Principal), and in favor of Texas Commission On Environmental Quality (TCEQ) (as Obligee) for Closure bond, covers a term which began on the 17th Day of December, 2021, and ends only with the cancellation of said bond or other legal termination thereof; and that the said bond remains in effect, subject to all its agreements, conditions and limitations.

Signed, sealed and dated* (enter below)

United States Fire Insurance Company
(Name of Surety)

BY: William T Krumm
William T Krumm, Attorney-in-Fact

12/17/2022-2023

*Use current or renewal date.

Application Form for Municipal Solid Waste
Permit or Registration Modification or Temporary Authorization

New Earth Registration 42032

Attachment 14

Explanation of Ownership and Name Changes, Plus Mineral Rights

From: Wendy Lambie <wendy.lambie@denaliwater.com>
Sent: Friday, April 12, 2024 8:19 AM
To: Julia Gustafson <julia.gustafson@denaliwater.com>
Subject: TCEQ - New Earth LLC

Hi Julia,

Narrative with attached documents regarding title:

- Effective 10/15/18 - L&H Leasing Co, Ltd via Special Warranty Deed to New Earth Inc (attached deed)
- Effective 1/15/21 – New Earth Inc was converted to New Earth LLC (attached Secretary of State Conversion filing)
- Effective 1/25/21 – WeCare Denali LLC (a wholly owned subsidiary of Denali Water Solutions LLC) acquired 100% membership interest in New Earth LLC (attached Purchase Agreement)

Narrative regarding minerals:

New Earth LLC has not commissioned a formal, independent title search regarding the mineral estate, however, to the best of its knowledge, the minerals were conveyed to New Earth via the attached 2018 deed.

Wendy Lambie • Associate General Counsel

220 S. Commerce Avenue, Russellville, AR 72801

C: 713-443-4695

Wendy.Lambie@DenaliWater.com

www.DenaliWater.com

DENALI

"Waste should not be wasted"

EXECUTION VERSION

Application Form for Municipal Solid Waste
Permit or Registration Modification or Temporary Authorizattion
New Earth Registration 42032
Attachment 15

Documentation of Both Parties Supporting Transfer

MEMBERSHIP INTEREST PURCHASE AGREEMENT

AMONG

NEW EARTH, LLC,

LEONARD HOLDING COMPANY,

LEONARD FAMILY CORPORATION

AND

WECARE DENALI, LLC

DATED AS OF

January 25, 2021

MEMBERSHIP INTEREST PURCHASE AGREEMENT

This Membership Interest Purchase Agreement (this “**Agreement**”), dated as of January 25, 2021, is entered into among New Earth, LLC, a Texas limited liability company (the “**Company**”), Leonard Holding Company, a Nevada corporation (“**Seller**”) and WeCare Denali, LLC, a Delaware limited liability company (“**Buyer**”). The “**Parties**” shall mean Seller, Buyer and Company. Leonard Family Corporation, a Nevada corporation (“**LFC**”), joins in the execution of this Agreement solely for the purposes of **Section 2.03(f)**, **Section 5.02**, **Article VII** and **Section 8.13** hereof.

RECITALS

WHEREAS, Seller owns 100% of the issued and outstanding membership interests of the Company (the “**Company Units**”);

WHEREAS, Seller wishes to sell to Buyer, and Buyer wishes to purchase from Seller, 100% of the Company Units (other than the Rollover Units), subject to the terms and conditions set forth herein;

WHEREAS, the Company was previously treated as a “qualified subchapter S subsidiary” (as that term is defined in Section 1361(a)(3) of the Code (and any comparable provision of state and local law));

WHEREAS, prior to Closing, Seller and the Company caused the conversion of the Company from a Texas corporation into a Texas limited liability company (the “**Conversion**”);

WHEREAS, following the consummation of the Conversion, and immediately prior to Closing, Seller contributed the Rollover Units to Dispatch Parent, LLC (“**Parent**”) in exchange for Parent Units (the “**Rollover**”) pursuant to, and in accordance with the Rollover and Contribution Agreement; and

WHEREAS, Parent is classified as a partnership under the Code and solely owns Buyer, an entity disregarded for federal income Tax purposes pursuant to the Code.

NOW, THEREFORE, in consideration of the mutual covenants and agreements hereinafter set forth and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and intending to be legally bound, the parties hereto agree as follows:

ARTICLE I DEFINITIONS

The following terms have the meanings specified or referred to in this **Article I**:

“**Accounts Receivable**” means all accounts receivable of the Company arising prior to the Closing.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed as of the date first written above by their respective officers thereunto duly authorized.

SELLER:

LEONARD HOLDING COMPANY

By: 
Name: Neal Leonard
Title: Chief Executive Officer

COMPANY:

NEW EARTH, LLC

By: _____
Name: Russell Faldik
Title: President

BUYER:

WECARE DENALI, LLC

By: _____
Name: Andrew M. McNeill
Title: Chief Executive Officer

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed as of the date first written above by their respective officers thereunto duly authorized.

SELLER:

LEONARD HOLDING COMPANY

By: _____
Name: Neal Leonard
Title: Chief Executive Officer

COMPANY:

NEW EARTH, LLC

By:  _____
Name: Russell Faldik
Title: President

BUYER:

WECARE DENALI, LLC

By: _____
Name: Andrew M. McNeill
Title: Chief Executive Officer

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed as of the date first written above by their respective officers thereunto duly authorized.

SELLER:

LEONARD HOLDING COMPANY

By: _____
Name: Neal Leonard
Title: Chief Executive Officer

COMPANY:

NEW EARTH, LLC

By: _____
Name: Russell Faldik
Title: President

BUYER:

WECARE DENALI, LLC

By:  _____
Name: Andrew M. McNeill
Title: Chief Executive Officer

Solely for the purposes of Section 2.03(f), Section 5.02, Article VII and Section 8.13 hereof:

LEONARD FAMILY CORPORATION

By: 
Name: Neal Leonard
Title: Chief Executive Officer

NEW EARTH, INC.

JOINT ACTION OF THE BOARD OF DIRECTORS AND THE SOLE SHAREHOLDER
BY UNANIMOUS WRITTEN CONSENT

January 15, 2020

The undersigned, being all of the members of the Board of Directors (the “**Board**”) and the sole shareholder (the “**Shareholder**”) of New Earth, Inc. (the “**Company**”), a Texas corporation, acting by written consent without a meeting pursuant to the provisions of the Texas Business Organizations Code, do hereby consent to the adoption of the following resolutions.

APPROVAL OF CONVERSION

WHEREAS, the Company desires to convert (the “**Conversion**”) into a limited liability company organized under the laws of the State of Texas, pursuant to a Plan of Conversion (the “**Plan of Conversion**”);

WHEREAS, the Board and the Shareholder deem it to be advisable and in the best interests of the Company and the Shareholder to effectuate the Conversion and enter into the transactions contemplated by the Plan of Conversion, and all exhibits, schedules and attachments thereto to which the Company is a signatory (collectively, the “**Conversion Documents**”); and

WHEREAS, the Board and the Shareholder desire to consent to, authorize and approve the Conversion and the transactions contemplated thereby in all respects; now, therefore, be it

RESOLVED: That the Conversion and the transactions contemplated thereby are hereby consented to, authorized and approved in all respects; and

RESOLVED FURTHER: That the Conversion Documents and each of the other agreements, documents and instruments to be executed and delivered by the Company in connection with the Conversion, in substantially the forms presented to the Board and the Shareholder, with such changes, modifications, revisions and deletions thereto as the officers of the Company, or any of them, may, in their sole discretion, deem advisable or appropriate, and all of the transactions contemplated thereby, are consented to, authorized and approved in all respects; and

RESOLVED FURTHER: That the officers of the Company (the “**Authorized Persons**”), and each of them, be and are hereby authorized and directed to execute and deliver the Conversion Documents, including all exhibits and schedules attached thereto, and to execute and file with the Secretary of State of the State of Texas a Certificate of Conversion and a Certificate of Formation, and all other associated documents thereto, in the name and on behalf of the Company, with such additions, deletions or changes therein (including, without limitation, any additions, deletions or changes to any schedules or exhibits thereto) as the Authorized Person executing the same shall approve (the execution and delivery thereof by the Authorized Person to be conclusive evidence of his or her approval of any such additions, deletions or changes); and

RESOLVED FURTHER: that the Company be, and hereby is, authorized and directed to perform all of its obligations under the Conversion Documents.

OMNIBUS RESOLUTIONS

RESOLVED: That each Authorized Person be and hereby is, authorized, empowered and directed on behalf of the Company to negotiate, prepare, sign, execute, certify to, verify, acknowledge, deliver, accept, ratify, file, and record any and all such additional agreements, certificates, documents, reports, and schedules (including, but not limited to, any renewals, extensions, amendments, modifications, or restatements of any of the foregoing) and to take, or cause to be taken, any and all such action, in the name and on behalf of the Company, which shall be required to consummate the Conversion and the transactions contemplated by the foregoing resolutions or which any Authorized Person shall, in such Authorized Person's reasonable discretion, deem necessary, appropriate or desirable and in the Company's best interest in order to effect the purposes of the foregoing resolutions, and such Authorized Person's signature, or such actions by such Authorized Person, shall be conclusive evidence that such Authorized Person did deem same to be necessary or appropriate and in the best interest of the Company in order to effect such purposes; and

RESOLVED FURTHER: That any specific resolutions necessary or advisable for the purpose of accomplishing the transactions contemplated herein are hereby deemed adopted and may be certified as having been adopted by the Board and the Shareholder on this date, provided that a copy thereof is inserted in the Company's minute book; and

RESOLVED FURTHER: That all actions heretofore taken by the Authorized Persons, or any of them, with respect to the foregoing transactions and all other matters contemplated by the foregoing resolutions are hereby approved, adopted, ratified and confirmed.

This consent may be executed in any number of counterparts, each of which shall constitute an original and all of which together shall constitute one action. Any copy, facsimile or other reliable reproduction of this action may be substituted or used in lieu of the original writing for any and all purposes for which the original writing could be used, provided that such copy, facsimile or other reproduction be a complete reproduction of the entire original writing.

(Signature page follows)

The undersigned have executed this consent as of the date first written above.

DIRECTORS:



Russell Faldik



Neal Leonard

SHAREHOLDER:

LEONARD HOLDING COMPANY

By: 

Russell Faldik, Chief Financial Officer

LEONARD HOLDING COMPANY

**ACTION OF THE BOARD OF DIRECTORS
BY UNANIMOUS WRITTEN CONSENT**

January 22, 2021

The undersigned, being all of the members of the Board of Directors (the “**Board**”) of Leonard Holding Company, a Nevada corporation (the “**Company**”), acting by written consent without a meeting pursuant to the provisions of the Nevada Revised Statutes, do hereby consent to the adoption of the following resolutions.

APPROVAL OF PURCHASE AGREEMENT

WHEREAS, the Company owns 100% of the issued and outstanding membership interests of New Earth, LLC, a Texas limited liability company (“**New Earth**”);

WHEREAS, the Company desires to enter into a Membership Interest Purchase Agreement (the “**Purchase Agreement**”), by and among the Company, New Earth, WeCare Denali, LLC, a Delaware limited liability company (“**Denali**”), and The Leonard Family Corporation, a Nevada corporation, pursuant to which the Company will sell to Denali 100% of the issued and outstanding membership interests of New Earth (other than the Rollover Units (as defined in the Purchase Agreement));

WHEREAS, the Board has reviewed the Purchase Agreement and deems it to be advisable and in the best interests of the Company to enter into the transactions contemplated by the Purchase Agreement and all agreements, instruments and documents referenced therein to which the Company is a signatory; and

WHEREAS, the Board desires to consent to, authorize and approve the Purchase Agreement and the transactions contemplated thereby in all respects; now, therefore, be it

RESOLVED: That the Purchase Agreement and the transactions contemplated thereby are hereby consented to, authorized and approved in all respects; and

RESOLVED FURTHER: That the Purchase Agreement and each of the other agreements, documents and instruments to be executed and delivered by the Company in connection therewith, in substantially the forms presented to the Board, with such changes, modifications, revisions and deletions thereto as the officers of the Company, or any of them, may, in their sole discretion, deem advisable or appropriate, and all of the transactions contemplated thereby, are consented to, authorized and approved in all respects; and

RESOLVED FURTHER: That the officers of the Company (the “**Authorized Persons**”), and each of them, be and are hereby authorized and directed to execute and deliver the Purchase Agreement, including all exhibits and schedules attached thereto, in the name and on behalf of the Company, with such additions, deletions or changes therein (including, without limitation, any additions, deletions or changes to any schedules or exhibits thereto) as the Authorized Person executing the same shall approve (the execution and delivery thereof by the Authorized Person to be conclusive evidence of his or her approval of any such additions, deletions or changes); and

RESOLVED FURTHER: that the Company be, and hereby is, authorized and directed to perform all of its obligations under the Purchase Agreement.

OMNIBUS RESOLUTIONS

RESOLVED: That each Authorized Person be and hereby is, authorized, empowered and directed on behalf of the Company to negotiate, prepare, sign, execute, certify to, verify, acknowledge, deliver, accept, ratify, file, and record any and all such additional agreements, certificates, documents, reports, and schedules (including, but not limited to, any renewals, extensions, amendments, modifications, or restatements of any of the foregoing) and to take, or cause to be taken, any and all such action, in the name and on behalf of the Company, which shall be required to consummate the matters contemplated by the foregoing resolutions or which any Authorized Person shall, in such Authorized Person's reasonable discretion, deem necessary, appropriate or desirable and in the Company's best interest in order to effect the purposes of the foregoing resolutions, and such Authorized Person's signature, or such actions by such Authorized Person, shall be conclusive evidence that such Authorized Person did deem same to be necessary or appropriate and in the best interest of the Company in order to effect such purposes; and

RESOLVED FURTHER: That any specific resolutions necessary or advisable for the purpose of accomplishing the matters contemplated herein are hereby deemed adopted and may be certified as having been adopted by the Board on this date, provided that a copy thereof is inserted in the Company's minute book; and

RESOLVED FURTHER: That all actions heretofore taken by the Authorized Persons, or any of them, with respect to all matters contemplated by the foregoing resolutions are hereby approved, adopted, ratified and confirmed.

This consent may be executed in any number of counterparts (any of which counterparts may be delivered by facsimile, portable document format (pdf) or any electronic signature complying with the U.S. federal ESIGN Act of 2000 (including DocuSign)), each of which will be deemed to be an original and all of which, when taken together, will be deemed to constitute one and the same consent. Any copy, facsimile or other reliable reproduction of this consent may be substituted or used in lieu of the original writing for any and all purposes for which the original writing could be used, provided that such copy, facsimile or other reproduction be a complete reproduction of the entire original writing.

*(Remainder of Page Intentionally Left Blank –
Signature Page Follows)*

The undersigned have executed this consent as of the date first written above.

DIRECTORS:



Neal E. Leonard



Russell Faldik