

Texas Commission on Environmental Quality Waste Permits Division Correspondence Cover Sheet

30101	311000			
Date: February 13, 2024 Facility Name: Doty Sand Pit Venture Landfill Permit or Registration No.: 1247	Nature of Correspondence: ☐ Initial/New ☐ Response/Revision to TCEQ Tracking No.: 29453426 (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				
New Notice of Intent	表现的一种,但是是自己的特别的特别的。他们就是一种的现在分词,但是不是一种的特别的。但是是一种的一种的,但是是一种的一种的,但是是一种的一种的一种的。这种,他们			
Notice of Intent Revision	Alternative Daily Cover Report			
	Closure Report			
New Permit (including Subchapter T)New Registration (including Subchapter T)	☐ Compost Report ☐ Groundwater Alternate Source Demonstration			
☐ Major Amendment ☐ Minor Amendment	Groundwater Corrective Action			
	Groundwater Monitoring Report			
Limited Scope Major Amendment Notice Modification	Groundwater Background Evaluation			
Non-Notice Modification	Landfill Gas Corrective Action			
	Landfill Gas Monitoring			
☐ Transfer/Name Change Modification	Liner Evaluation Report			
Temporary Authorization	Soil Boring Plan			
☐ Voluntary Revocation	Special Waste Request			
☐ Subchapter T Disturbance Non-Enclosed Structure ☐ Other: Response to Comments of Jan 9, 2024	Other:			
☑ Other: Response to Comments of Jan 9, 2024				
Table 2 - Industrial & Hazard	ous Waste Correspondence			
Applications	Reports and Responses			
☐ New	☐ Annual/Biennial Site Activity Report			
Renewal	☐ CPT Plan/Result			
Post-Closure Order	☐ Closure Certification/Report			
☐ Major Amendment	☐ Construction Certification/Report			
☐ Minor Amendment	☐ CPT Plan/Result			
☐ CCR Registration	☐ Extension Request			
CCR Registration Major Amendment	☐ Groundwater Monitoring Report			
CCR Registration Minor Amendment	☐ Interim Status Change			
Class 3 Modification	☐ Interim Status Closure Plan			
Class 2 Modification	☐ Soil Core Monitoring Report			
☐ Class 1 ED Modification	☐ Treatability Study			
☐ Class 1 Modification	☐ Trial Burn Plan/Result			
☐ Endorsement	☐ Unsaturated Zone Monitoring Report			
☐ Temporary Authorization	☐ Waste Minimization Report			

☐ Other:

☐ 335.6 Notification

Other:

☐ Voluntary Revocation



February 13, 2024

Municipal Solids Waste Permits Section, MC-124 Texas Commission on Environmental Quality P.O. Box 13087 Austin, TX 78711-3087

RE: Application for Development Permit for Proposed Enclosed Structure
Over Closed Municipal Solid Waste Landfill
Doty Sand Pit Venture Landfill
12000 Bissonnet Street, Houston, Harris County, Texas 77099
TCEQ MSW Permit No. 1247; TCEQ Tracking No. 29453426

Dear Mr. Pedersen:

SKA Consulting, L.P (SKA) on behalf of Impact Residential Development, LLC (Applicant) has prepared the following responses to the Texas Commission on Environmental Quality (TCEQ) comments regarding the above referenced application and transmitted by email on January 9, 2024. The TCEQ comments are listed below in italics followed by the respective response.

1. Form TCEQ-20785, Item 10. Verify that the development permit application is posted at the URL provided.

The Application URL in Item 10 of the Form TCEQ- 20785 (page 3) has been corrected. The revised form (unmarked) and a redline-strikeout (marked) version are enclosed. On the marked copy new material is shown in bold type.

2. Form TCEQ-20785, Item 18. Provide email addresses for the Harris County Flood Control District, state senator, and state representative.

The email addresses for the Harris County Flood Control District (page 7), the state senator (page 9) and state representative (page 9) have been added to Form TCEQ-20785. In addition, SKA has revised the Mayor's name on page 7 of Form TCEQ-20785 to John Whitmire. The revised form (unmarked) and a redline-strikeout (marked) version are enclosed. On the marked copy new material is shown in bold type.

3. Table of Contents. Provide a table of contents sealed, signed, and dated by a Texas Professional Engineer in accordance with 30 TAC 330.57(g).

The Table of Contents for accompanying Narrative has been sealed by a Texas Professional Engineer. The sealed Table of Contents is enclosed.

4. Provide a map numbering the landowners adjacent to Bissonnet 136, LLC's MSW Permit No. 1247 property in accordance with 30 TAC 330.954(a)(8). Provide a numbered list of the adjacent landowners to be used with the adjacent landowner map. Include the mineral interest ownership for the MSW Permit No. 1247 property on the landowner map and numbered mailing list or indicate that the mineral interest

Municipal Solid Waste Permits Section, MC-124 Texas Commission on Environmental Quality February 13, 2024 Page 2 of 2

ownership could not be identified from the appraisal district records in accordance with 30 TAC 330.59(c).

The numbered map of adjacent landowners to MSW Permit No. 1247 is included as *Figure 3A* in the Narrative that accompanied the application. The numbered list of landowners is in the legend of *Figure 3A*. *Figure 3A* has been added to the Table of Contents for the Narrative.

No mineral owner interest data were found in the Harris County Appraisal District records.

5. Provide an un-numbered electronic mailing list of adjacent landowners and mineral interest ownership (if known) in the Avery® 5160 format (a sheet with three columns of ten addresses per column) using all capital letters, United States Postal Service abbreviations, two-letter state abbreviations, and no punctuation except a hyphen in a ZIP code™

An unnumbered electronic mailing list in the Avery 5160 format is provided in hard copy accompanying this response letter and electronically on a USB drive accompanying this response submittal.

In addition, a recently sealed professional engineer's certification (page 12 of Form TCEQ-20785) and signed applicant certification and property owner authorization (page 13 of Form TCEQ-20785) are included.

On behalf of Impact Residential Development, LLC, please contact me at mike.schultz@skaconsulting.com or (713) 266-6056 if you have any questions.

Sincerely,

SKA CONSULTING, L.P.

Mike Schultz, P.E.

Executive Vice President, Partner

Mit lehuly

Attachments: Form TCEQ-20785, Page 3 – unmarked and marked copies

Form TCEQ-20785, Page 7 – unmarked and marked copies Form TCEQ-20785, Page 9 – unmarked and marked copies Form TCEQ-20785, Page 14 – unmarked and marked copies

Form TCEQ-20785, Page 12 Professional Engineer's Certification (new)

Form TCEQ-20785, Page 13 Applicant Certification (new)

Form TCEQ-20785, Page 13 Property Owner Authorization (new)

Narrative Table of Contents with P.E. seal Figure 3A Adjacent Landowner Map (new)

Unnumbered Mailing List (new)

Texas Commission on Environmental Quality Municipal Solid Waste Permits Section February 13, 2024 Page 3

cc: Ms. Jessica Mullins, Impact Residential Development, LLC, w/attachments (electronic) Mr. Mark Lester, Northwest Metro Holding, CS 34, LLC, w/attachments (electronic) Ms. Elita Castleberry, Harris County Pollution Control Services Department, w/attachments

8. Notification of MSW Landfill Determination
If soil tests were used to determine the presence of a closed MSW landfill, provide evidence that the engineer who performed the soil tests has notified the following persons of that determination in accordance with 30 TAC §330.953(d).
☐ Each owner and lessee
☐ Executive Director
☐ Local Government Officials
Regional Council of Governments
9. Landfill Permit Status
What is the permit status of the landfill?
☐ Active MSW Permit ■ Landfill in Post-Closure Care
☐ Revoked MSW Permit ☐ Non-Permitted Landfill
If the landfill is still in the post-closure care period subject to an active MSW Permit, this development permit application for proposed enclosed structures shall be accompanied by a Permit Modification application prepared in accordance with 30 TAC §305.70, and by a certification signed by an independent engineer in accordance with 30 TAC §330.957(b)(2).
If the landfill has completed the post-closure care period, but the MSW permit has not been revoked (site affected by an active MSW Permit), a Voluntary Revocation request of the MSW Permit shall be submitted in accordance with 30 TAC §330.465 prior to the submittal of this development permit application for proposed enclosed structures over a closed MSW landfill.
10 Application URL
10. Application URL
Enter the URL address of a publicly accessible internet web site where the application and all revisions to that application will be posted in the box below: https://www.skaconsulting.com/impact-development-permit-documents/
nttps://www.skaconsulting.com/impact-development-permit-documents/
11. Public Place for Copy of Application
Name of the Public Place: Alief - David M. Henington Regional Library
Physical Address: 11903 Bellaire Blvd
City: Houston County: Harris State: TX Zip Code: 77072
Phone Number: 832-393-1820
Normal Operating Hours: M-Sat 10 am - 6 pm

18. Other Governmental Entities Information:		
Fire Chief, Fire Marshal or Fire Inspector Information		
Fire Department Name: Houston Fire Department		
Person's Name: Samuel Pena		
Mailing Address: 500 Jefferson, Suite 1700		
City: Houston County: Harris	State: TX	Zip Code: <u>77002</u>
Phone Number: 832-394-6700		
Email Address: hfdpubinf@houstontx.gov		
Local Floodplain Authority (if applicable)		
Authority Name: Harris County Flood Control District		
Contact Person's Name: Darrel Hahn		
40FFF NL II		
Street or P.O. Box: 10555 Northwest Freeway City: Houston County: Harris Phone Number: 713-274-3776	State: Tx	Zip Code: 77092
Phone Number: <u>713-274-3776</u>		
Email Address: FloodplainAdministrator@eng.hctx.net		
City Mayor Information		
City Mayor's Name: John Whitmire		
Office Address: P.O. Box 1562		
City: Houston County: Harris	State: TX	Zip Code: 77251
Phone Number: 713-837-0311		
Email Address: mayor@houstontx.gov		
City Health Authority Information		
Contact Person's Name: Stephen L. Williams		
Office Address: 8000 N. Stadium Drive		
City: Houston County: Harris	State: TX77002	Zip Code: 77054
Phone Number: 832-395-5169		
Email Address: hhd.director@houstontx.gov		

County Engineer Information		
County Engineer's Name: Milton Rahman		
County Engineer's P.E. Registration No.: 107665		
Office Address: 1111 Fannin, 11th Floor		
City: Houston County: Harris	State: TX	Zip Code:
Phone Number: 713-274-3600		
Email Address:		
County Health Authority		
Agency Name: Harris County Public Health		
Contact Person's Name:Barbie Robinson		
Office Address: 2223 West Loop South		
City: Houston County: Harris	State: TX	Zip Code: <u>77027</u>
Phone Number: 713-439-6000		
Email Address:		
State Representative Information		
District Number: <u>131</u>		
State Representative's Name: Alma A. Allen		
District Office Address: 10101 Fondren Road		
City: Houston County: Harris	State: IX	Zip Code: 77096
Phone Number: 713-776-0505		
Email Address: alma.allen@house.texas.gov		
State Senator Information		
District Number: 13		
State Senator's Name: Borris L. Miles		
District Office Address: 2440 Texas Parkway, Suite 110		
City: Missouri City County: Fort Bend	State: TX	Zip Code: 77489
Phone Number: <u>281-261-2360</u>		
Email Address: borris.miles@senate.texas.gov		

Professional Engineer's Certification of No Potential Threat to Public Health or the Environment

The applicant's engineer for this project shall complete one of the following certifications:
"I,, Texas PE Number, certify that
the proposed development is necessary to reduce a potential threat to public health or the environment. Further, I certify that the proposed development will not damage the integrity or function of any component of the Closed Municipal Solid Waste Landfill Unit, including, but not limited to, the final cover, containment systems, monitoring system, or liners. This certification includes all documentation of all studies and data on which I relied in making these determinations."
Engineer's seal, with signature and date:
Engineering Firm Name:
Texas Board of Professional Engineers and Land Surveyors Firm Number:
Or:
" I, Mike Schultz, P.E. , Texas PE Number 68765 , certify that
the proposed development will not increase or create a potential threat to public health or the environment. Further, I certify that the proposed development will not damage the integrity or function of any component of the Closed Municipal Solid Waste Landfill Unit, including, but not limited to, the final cover, containment systems, monitoring system, or liners. This certification includes all documentation of all studies and data on which I relied in making these determinations."
Engineer's seal, with signature and date: PAUL MICHAEL SCHULTZ 68765 CENSE CONNECTION CONNECTION
Engineering Firm Name: SKA Consulting, L.P.
Texas Board of Professional Engineers and Land Surveyors Firm Number: $\overline{F-5009}$

Signature Page

Applicant Certification

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.

Title: Vice President

Name: Jessica Mullins	Title: Vice President
Signature:	Date: 2/9/2024
Email Address: jmullins@impactresidential.com	
SUBSCRIBED AND SWORN to before me by the sa	aid Jessica Mullins
2024	
My commission expires on the 17th day of February's Name:	Notary Public, State of Texas
Notary's Name: Hand & Fatt	Notary ID 123963489
Notary Public in and for	
Harris County, Texas	
Property Owner Authorization	
To be completed by the property owner if the prop I John Quinlan, President of Bissonnet 136, LL	the owner of the property identified by
12000 Bissonnet St. Houston, TX 77099	hereby authorize the
applicant to proceed with the project described in	project. I understand that, as property
owner, I am responsible for maintaining the integr	ity of the final cover over the closed MSW
landfill. Property Owner Name: Bissonnet 136, LLC	
Signature:	Date:
Email Address: john.quinlan@gmail.com	PRODUCTION STATE S
SUBSCRIBED AND SWORN to before me by the sa	id
On this day of,	
ly commission expires on the day of	
lotary's Name:	
lotary Public in and for	
County, Texas	

Signature Page

Applicant Certification

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: Jessica Mullins Title:	Vice President
Signature:	
Email Address: jmullins@impactresidential.com	
SUBSCRIBED AND SWORN to before me by the said	
On this day of,	
My commission expires on the day of	
Notary's Name:	
Notary Public in and for	
County, Texas	,
Property Owner Authorization	
To be completed by the property owner if the property I John Quinlan, President of Bissonnet 136, LLC, the address 12000 Bissonnet St, Houston, TX 77099 applicant to proceed with the project described in this necessary authorizations in order to conduct this project owner, I am responsible for maintaining the integrity of landfill. Property Owner Name: Bissonnet 136, LLC Signature:	the owner of the property identified by,hereby authorize the application, and to apply for any ect. I understand that, as property of the final cover over the closed MSW
Email Address: john.quinlan@gmail.com	
SUBSCRIBED AND SWORN to before me by the said J	John Quinlan, President of Bissonnet 136, u
On this 12thday of February 2024	
My commission expires on the thuday of July	2025
Notary's Name: Han Han Sout.	
Notary Public in and for	HIU HA SIT My Notary ID # 125323327
Fort Bend. County, Texas	Expires July 11, 2025

Attachments for New Development Permit

Required Attachments

A. Narrative

Attachment	Attachment Number
Proposed Project Description	Narrative-Section 1.1
Existing Conditions Summary	Narrative-Section 1.2
Legal Authority	Narrative-Section 2.1
Evidence of Competency	Narrative-Section 2.2
Notice of Engineer Appointment	Narrative-Section 2.3
Notices of Coordination with Governmental Agencies and Officials	Narrative-Section 2.4
Geology and Soil Statement	Narrative-Section 3.2
Groundwater and Surface Water Statement	Narrative-Section 3.3
Foundation Plans	Narrative-Section 4.3
Soil Tests	Narrative-Section 3.1
Closure Plan	Narrative-Section 4.5
Structures Gas Monitoring Plan	Narrative-Section 5.1
Site Operating Plan	Narrative-Section 5.2
Safety and Evacuation Plan	Narrative-Section 5.3

B. Maps and Plans

Attachment	Attachment Number
Adjacent Landowners Map	Narrative-Figure 3A
Adjacent Landowners List	Narrative-Figure 3A
Electronic List or Mailing Labels	Attached
General Location Map	Narrative-Figure 1
General Topographic Map	Narrative-Figure 2
Site Layout Plan with Limits of Waste Disposal Area	Narrative-Figure 3
Foundation Plans	Narrative-Appendix 6
Structure Layout Plan	Narrative-Appendix 6
Methane Monitoring Equipment Location Plans	Narrative-Appendix 6
Construction Details and Engineering Drawings	Narrative-Appendix 6





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Figure 7 –	Groundwater Gradient Map (October 2020)
Figure 8 –	Water Well Map
Figure 9 –	First Groundwater-Bearing Unit Concentration Map
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Figure 12 –	Sub Slab Landfill Gas Collection System Instrumentation and Control Schematic

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Appendix 3 – Water Well Search

Appendix 4 – Deep Dynamic Compaction Work Plan

Appendix 5 – Civil Drawing Set

Appendix 6 – Foundation Plans with Landfill Gas Collection System

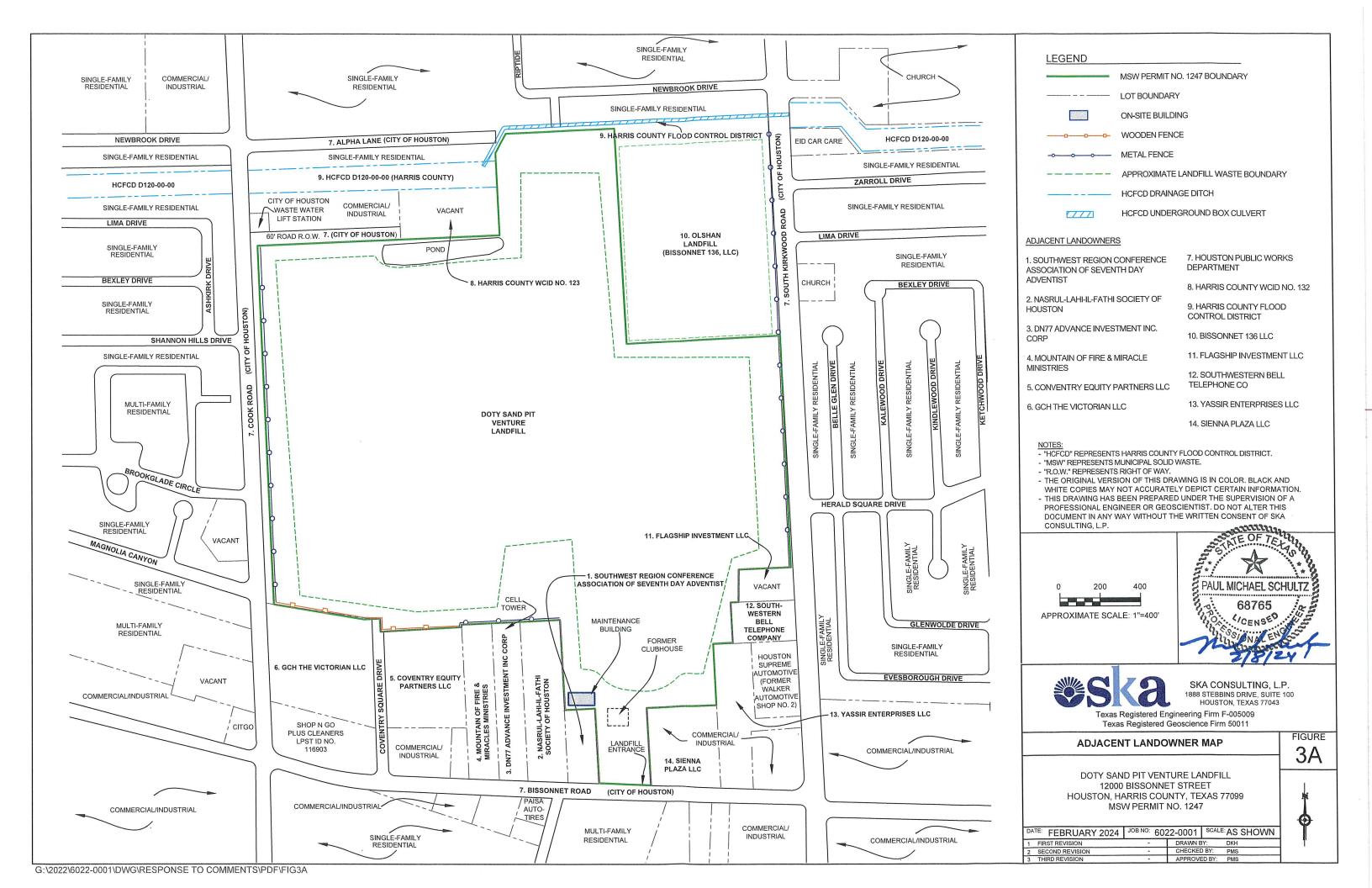
Appendix 7 – TerraShield, TerraVent, and Geotextile Specifications

Appendix 8 – Landscape and Irrigation Plan Appendix 9 – Methane Monitoring Equipment

Appendix 10 – Landfill Gas Collection System Equipment

Appendix 11 – Sampling Plans and Procedures

Appendix 12 – Comprehensive Landfill Gas Composition



SOUTHWEST REGION CONFERENCE ASSOCIATION OF SEVENTH DAY ADVENTIST 2215 LANARK AVE DALLAS TX 75203-4528

MOUNTAIN OF FIRE & MIRACLES MINISTRIES 12142 BISSONNET HOUSTON TX 77099-1414

HOUSTON PUBLIC WORKS DEPARTMENT P.O. BOX 1562 HOUSTON TX 77251

BISSONNET 136 LLC 22310 GRAND CORNER DR STE 140 KATY TX 77494-7467

YASSIR ENTERPRISES LLC 14429 AUTO PARK WAY HOUSTON TX 77083-5766 NASRUL LAHI IL FATHI SOCIETY OF HOUSTON 9630 KEEGAN RD HOUSTON TX 77099-2501

COVENTRY EQUITY PARTNERS LLC 9401 COVENTRY SQUARE DR HOUSTON TX 77099-1455

HARRIS COUNTY WCID NO 123 1001 PRESTON ST HOUSTON TX 77002-1839

FLAGSHIP INVESTMENT LLC 9226 S KIRKWOOD RD HOUSTON TX 77099-1929

SIENNA PLAZA LLC 11916 BISSONNET ST STE 180 HOUSTON TX 77099-1478 DN77 ADVANCE INVESTMENT INC CORP 10711 UMBER COURT HOUSTON TX 77099-4038

GCH VICTORIAN LLC 15021 KATY FWY STE 580 HOUSTON TX 77094-1900

HARRIS COUNTY FLOOD CONTROL DISTRICT 10555 NORTHWEST FWY HOUSTON TX 77092

SOUTHWESTERN BELL TELE CO C/O PROPERTY TAX DEPT 1010 PINE ST 9E L 01 SAINT LOUIS MO 63101-2015