# Harris County Municipal Utility District No. 361 Community Water System Emergency Response Plan

# Harris County Municipal Utility District No. 361

**Emergency Response Plan** 

# **CWS and ERP Information**

Please fill in the information below as indicated.

PWSID	1013123
Street Address	3200 Southwest Freeway, Suite 2600 c/o Allen Boone Humphries Robinson LLP (ABHR)
City, State Zip Code	Houston, Texas 77027
Phone number	713-860-6496
Population Served	4,351
Prepared by	Cindy Fields, P.E.
Reviewed by	
Date completed	

# **PLAN DISTRIBUTION**

Please fill in the recipient's name and title, the person who gave them the plan and on what date.

RECIPIENT/TITLE	DISTRIBUTED BY	DATE
Board of Directors	Cindy Fields	8-18-21
Sandra Staine / ABHR – District's Attorney	Cindy Fields	8-18-21
Mark Ivy / M. Marlon Ivy & Associates (MMIA) – District's Operator	Cindy Fields	8-18-21

# **CHANGE HISTORY**

Please describe the changes made to this plan since its original development, who made the changes and on what date the changes were incorporated into this plan.

DESCRIPTION OF CHANGE	NAME/TITLE	DATE
Initial Release	Cindy Fields	8-18-21

# **TABLE OF CONTENTS**

U	TILITY INFORMATION	1
	i Utility Overview	1
	ii Personnel Information	1
	iii Primary Utility Components	3
	iv Industry Chemical Handling and Storage Facilities	4
	v Safety	5
	vi Response Resources	5
	vii Key Local Services	6
1	RESILIENCE STRATEGIES	8
	1.1 Emergency Response Roles	8
	1.2 Incident Command System (ICS) Roles.	10
	1.3 Communication	11
	1.3.1 Internal Communication	11
	1.3.2 External Response Partner Communication	11
	1.3.3 Critical Customer Communication	13
	1.3.4 Communication Equipment Inventory	13
	1.4 Media Outreach	13
	1.5 Public Notification Templates	14
2	EMERGENCY PLANS AND PROCEDURES	17
	2.1 Core Response Procedures	17
	2.2 Incident-Specific Response Procedures	19
3	MITIGATION ACTIONS	23
	3.1 Alternative Source Water Options and Interconnected Utilities	23
	3.2 Other Mitigation Actions	23
л	DETECTION STRATEGIES	2/

# **UTILITY INFORMATION**

During an incident, you need to have system information about your water utility readily available for your personnel, first responders, repair contractors/vendors, the media, and other response partner agencies.

# i Utility Overview

Provide basic information about your utility.

Utility Information	
PWSID	1013123
Utility name and address	Harris County Municipal Utility District No. 361 (HCMUD 361) - HCMUD 361 Does Not Own or Operate Water Supply Facilities. The following facility provides water to HCMUD 361:
	HCMUD No. 344 Water Plant No. 1 – 14218 Timber Forest Dr., Houston, TX 77044 (WP 1)
Owner	HCMUD No. 361 (the District)
Directions to utility from major roadway, include lat./long. coordinates	The District is located east of the intersection of West Lake Houston Parkway and Deussen Parkway, 29°55'36.56"N, 95°10'2.67"W
Total population served and total service connections	Population of approximately 4,351 with approximately 1,243 service connections.
Name, title, phone number of primary contact (e.g., ERP Lead)	Mark Ivy, District Operator - MMIA, 281-651-1620
Alternate contact	Josh Maas, District Operator - MMIA, 713-302-2429
Location of treatment, distribution, collection schematics and operation manuals	WP 1 and distribution system plans are located at the offices of MMIA, WP 1, and BGE, Inc. 10777 Westheimer Rd, Ste. 400, Houston, Tx 77042
	See HCMUD 344 ERP for water supply information.

# ii Personnel Information

Attach your personnel roster here or fill out the table below.

Personnel			
Name and Title	Job Duties and Responsibilities	Contact Information	Emergency Information
MMIA Dispatch	Emergency Control Center	281-651-1618	Immediate notification of emergency.

	Pers	sonnel	
Name and Title	Job Duties and Responsibilities	Contact Information	Emergency Information
Mark Ivy	MMIA Regional Manager/HCMUD No. 361 Operator (MMIA)	O: 281-651-1620 C: 712-829-3288	Authority to evacuate plants/On-site Emergency Project Manager
Clayton Galloway	MMIA Regional Environmental, Health and Safety Manager	C: 832-326-3295	Emergency coordination and evaluation with On-Site Project Manager
Josh Maas	HCMUD No. 361 Operator (MMIA)	C: 713-302-2429	On-site Operator
Cindy Fields	HCMUD No. 361 Engineer (BGE, Inc.)	O: 713-488-8343 C: 832-512-7925	Notified
Kevin Odom	HCMUD No. 361 Engineer (BGE, Inc.)	O: 281-579-0340 D: 832-913-4103	Notified (Backup)
Sandra Staine	HCMUD No. 361 Attorney (ABHR)	O: 713-860-6496 C: 713-501-6840	Notified

# iii Primary Utility Components

HCMUD 361 does not own or operate a water supply facility. HCMUD 344 provides HCMUD 361 with all its water supply needs. The following information reflects the HCMUD 344 facilities serving HCMUD 361.

HCMUD 344 Wells			
Well Name	Depth/Location	Available Yield	Treatment Requirements/Associated Treatment Plant
Water Well No. 1	1,102 ft/ 14218 Timber Forest Dr., Houston, TX 77044	1,200 gpm	Chloramines and/or Polyphosphate / WP 1
Water Well No. 2	708 ft/ 14218 Timber Forest Dr., Houston, TX 77044	890 gpm	Chloramines and/or Polyphosphate / WP 1

		Intakes	
Intake Name	Depth/Location	Capacity	Treatment Requirements/Associated Treatment Plant
City of Houston	WP 1	10 MG/Month	None (pre-treated)/WP 1

HCMUD 344 Treatment Plant				
Plant name Location Capacity Treatment Train				
WP 1	14218 Timber Forest Dr., Houston, TX 77044	2 - 650k gallon GSTs	Chloramines	

HCMUD 344 Storage and Distribution System – Tanks, Primary Mains and Pumping Stations			
Location	Area Served	Comments	
WP 1	HCMUDs 342, 344, 361 (Summerwood Service Area)	2 - 650k Welded Ground Storage Tanks 5 - 1,000 gpm Booster Pumps	

HCMUD 344 Treatment Chemical Storage Facilities			
Location	Chemical(s)	Comments	
WP 1 Control Building/Onsite Fiberglass Building	Chlorine, Liquid Ammonium Sulfate (LAS) and Polyphosphate	These are in liquid form and there is both an eye wash and shower station at the facility	

Other Key Facilities – HCMUD 344				
Location Function Comments				
WP 1	Emergency Power	1-350 kW Diesel Generator		

# iv Industry Chemical Handling and Storage Facilities

List surrounding chemical production, handling or storage industries that could impact your utility during incidents such as accidental releases, hurricanes or earthquakes.

Industry Chemical Handling Facilities – N/A				
y Name Location Distance Chemical and Exposure Pa				

Chemical Storage Tanks				
Facility Name	Location	Distance	Chemical and Exposure Pathway	
Shell Gas Station	14106 W. Lake Houston Parkway, Houston, TX 77044	0.6 miles southeast of WP 1	Facility has underground storage tanks (UST) holding gasoline. Explosion and fire hazards are present.	
HEB Fuel Station	12680 W. Lake Houston Parkway, Houston, TX 77044	0.87 miles southwest of WP 1	Facility has USTs holding gasoline. Explosion and fire hazards are present.	
Kroger Fuel Station	14121 E. Sam Houston Pkwy. N., Houston, TX 77044	1.1 miles southwest of WP 1	Facility has USTs holding gasoline. Explosion and fire hazards are present.	
Chevron Gas Station	13955 E. Sam Houston Pkwy. N., Houston, TX 77044	1.1 miles southwest of WP 1	Facility has USTs holding gasoline. Explosion and fire hazards are present.	

# v Safety

List safety materials and important safety information to help protect utility personnel during an incident. You may also reference your utility Health and Safety Plan, if available.

Safety Materials			
Туре	Location		
First Aid	Closest hospital/emergency room is Memorial Hermann Convenient Care Center in Summer Creek; 14201 E. Sam Houston Pkwy N., Houston, TX 77044; (281) 436-8800		
Emergency food and water supplies			
Protective Equipment	Personal Protective Equipment (PPE) must always be worn and match the work classification (i.e. electrical, chemical).		
Fire Extinguishers	Fire extinguishers are located throughout the facility.		
Telephones	Form of communication will be located nearby employee's workstation; either by telephone, cell phone, 2-way radios or messenger in company automobiles.		

Safety Information			
Topic	Description		
Material Safety Data Sheet	Plant has MSDS on all chemicals onsite.		

# vi Response Resources

Provide an inventory of available resources (e.g., equipment, supplies) either maintained on site or readily available off site (e.g., neighboring water system) in the table below, or insert an existing inventory sheet.

MMIA maintains an inventory of supplies and equipment as the operator for several districts in the region. The MMIA response would be coordinated though central dispatch at the Emergency Response Center.

Resources – HCMUD 344 Facility				
Kind	Туре	Quantity	Location	
Generator	350 kW Diesel	1	WP 1	
Disinfection	Chlorine LAS	12 - 150 lb cylinders 1 – 175 gal LAS tank	WP 1	
Fuel	diesel	1 - 500 gal tank	WP 1	

Contractors				
Name	Service	Contact	Contact Information	
Hayes Automation	Electrical	Alan Hayes	C: 936-537-5172	
Deggs Service Enterprise	General Contractor		P: 281-354-4058 23752 Pine Forest Drive; New Caney, TX 77357	
DN Tanks	Ground Storage Tanks	Ryan Wessels	P: 361-799-9566	
MMIA	Electrical	Josh Maas	C: 713-302-2429	

# vii Key Local Services

Note the closest locations of key logistical and medical services that you or mutual aid and assistance providers may need during an incident. Include a map if available.

Essential Services			
Facility	Location/Description		
Memorial Hermann Convenient Care Center in Summer Creek	14201 E Sam Houston Pkwy N, Houston, TX 77044		
HEB Gas Station/ Pharmacy/Grocery Store	12680 W. Lake Houston Pkwy., Houston, TX 77044		
Kroger Gas Station/ Pharmacy/Grocery Store	14221 E. Sam Houston Pkwy., Houston, TX 77044		
Chase Bank - ATM	12702 W. Lake Houston Pkwy., Houston, TX 77044		
Summerwood Pharmacy	13176 W. Lake Houston Pkwy., Houston, TX 77044		
Shell Gas Station/Food Mart	14106 W. Lake Houston Pkwy., Houston, TX 77044		
CVS Pharmacy	14115 E. Sam Houston Pkwy., Houston, TX 77044		
Chevron Gas Station	13955 E. Sam Houston Pkwy. N., Houston, TX 77044		



# 1 RESILIENCE STRATEGIES

This section contains strategies and resources to improve the resilience of the system, including the physical security and cybersecurity of the system.

# 1.1 Emergency Response Roles

Describe the roles and responsibilities for key utility and external response partner personnel in the table below. You can add, edit or delete rows as necessary.

	Water Utility and Partner Roles				
Name/Title	Emergency Response Role	Responsibilities			
Mark Ivy/MMIA Client Manager	Emergency Response Lead	Responsible for all incident response activities, including developing strategies and tactics and ordering and releasing resources.			
Josh Maas/MMIA Operator	Alternate Emergency Response Lead	Perform duties as assigned by ER Lead; assumes duties listed above when ER Lead is not available.			
Rick Barker/SPH Public Affairs Officer	Public Information	Responsible for leading the public information effort based on information supplied by either the ER or Alternate ER Lead.			
Harris County/Pct 3 Constable Rep.	Security	Will provide incident security as needed once notified by ER Lead.			
MMIA Dispatch	Emergency Operations Center	Responsible for detecting the urgency of incident. They will help guide who can appropriately assist depending on the type and location of the emergency.			

	External Response	Partner Roles		
Name/Title	Organization	Responsibilities During an Incident		
Local Partners				
Harris County	Harris County Emergency Management/EOC	Local coordination of disaster and emergency response in Harris County.		
Emergency Operator	911	Directs the call to the appropriate department based on type of incident.		
Sheriff's Office	Police	To provide protection to lives, property, and right of all people.		
Constable Pct 3	Police	To provide protection to lives, property, and right of all people.		
Fire Department	Fire/HazMat	To preserve life and property; in case of a fire related matter.		
Reliant	Power utility	Supports with any technical power issues.		
CenterPoint Gas	Gas Utility	Supports with any gas related issues.		
Harris County Health Department	Health department	Protects the health of the common people.		
Water Utility Services	Contractor/vendor	Assists with any association to chemical product Sodium Hypochlorite/Polyphosphate.		
DXI Industries	Contractor/vendor	Assists with any association to chemical products Chlorine Gas.		
State Partners				
Texas Department of Emergency Management	State Emergency Management	Ensures the state and local governments respon accordingly to disasters.		
Department of State Health Services	Health department	Protects the health of the people		
Department of Public Safety	Police	Ensures the safety of the people		
TXWARN	WARN Provides its members with emerge response and recovery information an emergency			
TCEQ Water Homeland Security	Other	Assistance to environmental impact concerns		
Federal Partners	1			
Anisa Pjetrovic	EPA regional office	Protects people and environmental health		
Christina Garza	FBI field office	To protect civil rights of people		

# 1.2 Incident Command System (ICS) Roles

As the HCMUD No. 361 operator of record, MMIA will provide the primary incident command system roles including establishing an offsite Emergency Response Center should it become necessary.

In addition to MMIA, the Harris County Office of Homeland Security and Emergency Management maintains a robust plan for incident command systems. The plan may be found at https://prepare.readyharris.org/#Prepare. Below is a list of titles that can be found under the Harris County Emergency Plan.

### Natural Disasters

- Hurricanes
- Floods
- Extreme Heat
- Wildfires
- Tornadoes
- Thunderstorms
- Winter Storms

### Man Made Threats

- Biological
- Chemical
- Explosions
- Nuclear
- Radioactive
- Active Shooter
- Cyber

### Health

- Harris County Public Health
- Center for Disease Control and Prevention

# **Business & Industry**

- Harris County Local Emergency Planning Committees
- Essential Personnel

### Access Needs

- Deaf and Hard to Hearing
- 2-1-1 Texas/United Way
- Children with Healthcare Needs
- Disabilities and Special Needs
- Disaster Preparedness
- Evacuation Guide: People with Disabilities

### Special Interest

- Over 65
- Harris County Community Services Department
- Pets and Animals

# 1.3 Communication

Communication during an incident is critical to relay information to employees, response partners and critical customers about potential risks to health, infrastructure, and the environment.

### 1.3.1 Internal Communication

List all utility emergency response team members, their response role, title and contact information.

Contact List					
Name	Role/Title	Phone	Alternate Phone	Email	
Mark Ivy	District Operator	281-651-1620	713-829-3288	mivy@mmia.co	
Josh Maas	District Operator	281-651-1618	713-302-2429	joshm@mmia.co	
MMIA 24-hr Dispatch	District Operator	281-651-1618	N/A	N/A	
Cindy Fields, PE	District Engineer	281-558-8700	713-488-8343	cfields@bgeinc.com	
Sandra Staine	District Attorney	713-860-6496	713-501-6840	sstaine@abhr.com	
Brian Harding	Board President	281-703-1445	N/A	bharding@jbpserv.com	

# 1.3.2 External Response Partner Communication

List all external response partners, their response role or position as well as contact information.

External Response Partner Contact List				
Organization or Department	Point Person Name or Position	on Alternate Phone Phone		Email or Website
<b>Local Partners</b>				
Harris County Homeland Security & Emergency Management	Mark Sloan – Emergency Management Coordinator	713-881-3100	713-884-4500	https://prepare.readyharris.org/
Health department	Main Switchboard	713-439-6000	713-755-5050	https://publichealth.harriscountytx.gov/ About/Contact-Us

Organization or Department	Point Person Name or Position	Phone	Alternate Phone	Email or Website
Harris County Constable Pct 3	911/Dispatch	911	281-427-4791	https://constable3.harriscountytx.gov/Pages/default.aspx
Harris County Sheriff	Sheriff Ed Gonzales	713-755-5300	N/A	https://www.harriscountyso.org/
Fire/HazMat	N/A	911	N/A	N/A
Power utility	Reliant	713-207-2222	N/A	N/A
Gas utility	CenterPoint Gas	713-659-2111	N/A	N/A
Water Utility Services	Steve Grychka	O: 281-290- 0704	N/A	steve@waterutilityservice.com
State Partners				
Texas Department of Emergency Management	Shaun Miller	281-517-1353	N/A	Shaun.Miller@tdem.texas.gov; Region 2 Chief
Texas Department of Emergency Management	Jennifer Hawes District Coordinator Region 16A	281-517-1317	281-642-0312	N/A
Health department	Department of State Health Services	512-776-7219	N/A	N/A
Police	Department of Public Safety	(512) 424- 2000	N/A	N/A
WARN	TXWARN	866-989-9276	N/A	infor@txwarn.org
Other	TCEQ Water Homeland Security	888-777-3186	N/A	N/A
Federal Partners				
EPA regional office	Anisa Pjetrovic	214-665-6446	N/A	Pjetrovic.Anisa@epa.gov
FBI field office	Christina Garza	713-936-7642	N/A	N/A

### 1.3.3 Critical Customer Communication

List critical customers below who should be given priority notification due to their reliance on the water supply either for medical reasons, based on usage, public health mission or because they may serve customers considered to be sensitive sub-populations.

	Critical Customer Contact List – N/A				
Organization or Department	Point Person Name or Position	Contact Instructions	Phone	Alternate Phone	Email or Website

# 1.3.4 Communication Equipment Inventory

Inventory your utility's communication equipment below.

Communication Equipment				
Туре	Assigned to	Location	Number/Frequency/Channel	
Cellular telephone	Individual employees	Depending on assignment		

### 1.4 Media Outreach

List contact information for all media outlets that your utility may coordinate with during notification efforts. Additionally, include existing risk communication procedures, such as composing and delivering messages (e.g. message mapping), or reference an existing Risk Communication Plan.

Contact List				
Organization or Department	Point Person Name & Position	Phone	Alternate phone	Email or Website
Designated Water System Spokesperson	Sandra Staine – District's Attorney	713-860-6496	713-501-6840	sstaine@abhr.com
Newspaper	Houston Chronicle	713-362-7491 (City Desk – main)	N/A	news@chron.com, citydesk@chron.com
Newspaper (Spanish)	La Voz de Houston (an affiliate of the Houston Chronicle)	713-362-7491 (City Desk – main)	N/A	news@chron.com, citydesk@chron.com
Radio	Houston Public Radio (News 88.7)	713-743-8483	N/A	news@houstonpublicmedia.org
Radio	NewsRadio 740 KTRH	Newsroom Line: 713-212-8740	N/A	news@ktrh.com

Contact List				
Organization or Department	Point Person Name & Position	Phone	Alternate phone	Email or Website
Television	ABC-KTRK-TV 13	713-669-1313	N/A	news@abc13.com, newstips@abc13.com
Television	TV 8 KUHT (Houston Public Media)	713-743-8483	N/A	news@houstonpublicmedia.com
Television	NBC-KPRC 2	713-222-2222	Newsroom (713- 778-4910)	desk@kprc.com
Television	Univision 45	713-662-4545	N/A	Univision45@univision.net
Television	CBS-KHOU-TV	713-521-4388	N/A	assignments@khou.com, newstips@khou.com
Television	Telemundo 47 Houston/KTMD	713-974-4848	N/A	N/A

# 1.5 Public Notification Templates

HCMUD 361 must notify the public when a condition exists which according to the Texas Commission on Environmental Quality (TCEQ) constitutes an acute public health threat in accordance with 30 TAC Chapter 290.46 (q).

Templates for a Boil Water Notice and How to Rescind a Boil Water Notice follow:

# Boil Water Notification For Harris County Municipal Utility District No. 361

Due to conditions that have occurred recently in the water system which require a Boil Water Notification, the Texas Commission on Environmental Quality (TCEQ) has required our public water system, Harris County Municipal Utility District No. 361, PWS ID 1013123 to notify all customers to boil their water prior to consumption.

To ensure destruction of all harmful bacteria and other microbes, water for drinking, cooking, and for making ice should be boiled and cooled prior to consumption. The water should be brought to a vigorous, rolling boil and then boiled for two minutes. In lieu of boiling, you may purchase bottled water or obtain water from some other suitable source.

When it is no longer necessary to boil the water, the water system officials will notify you that the water is safe for consumption. The rescind notice will be issued in the same manner as this Boil Water Notice.

If you have questions regarding this matter, you may contact:

Water System Official Phone Number

MMIA 281-651-1618 (24-hr Dispatch)

Mark Ivy

If a customer wishes to contact TCEQ, they may call 512/239-4691.

# Boil Water Rescind Notice for Harris County Municipal Utility District No. 361

On <insert date>, the Texas Commission on Environmental Quality (TCEQ) required Harris County Municipal Utility District No. 361, PWS ID 1013123 to issue a Boil Water Notice (BWN) to inform our customers that due to the presence of contaminants or an interruption in service, water from our system must be boiled prior to consumption.

Our system has taken the necessary corrective actions to restore adequate pressure, disinfectant levels, and/or bacteriological quality and has provided TCEQ with testing results that indicate that the water no longer requires boiling.

We recommend that you run your water from each faucet for a period of approximately five (5) minutes to make certain that any water left in your system has been cleared out before prior to consumption. If you have an icemaker, it is recommended that you empty the contents into a sink and let the icemaker start over with a new batch of ice.

If you have questions regarding this matter, you may contact:

**Water System Official** 

Phone Number

**MMIA** 

281-651-1618 (24-hr Dispatch)

Mark Ivy

# **2 EMERGENCY PLANS AND PROCEDURES**

This section contains plans and procedures that can be implemented in the event of a malevolent act or natural hazard that threatens your utility's ability to deliver safe drinking water.

# 2.1 Core Response Procedures

Core procedures are the "building blocks" for incident specific response procedures, as they are typically implemented across a broad variety of incidents (e.g., hurricane, earthquake, flood). List all your core procedures here.

Access		
Item	Description	
Debris clearing	MMIA maintains a pool of equipment and heavy machinery including backhoes, chain saws, trailers and heavy-duty pickups that can be used for minor debris clearing. For major debris removal the City of Houston provides a list of certified debris removal contractors on their website at <a href="https://www.houstontx.gov">www.houstontx.gov</a> . The District also contracts with Texas Pride Disposal for trash services.	
Identification badges	First Responders are provided an official utility badge to get through police barricades and emergency management checkpoints.	
Alternate routes	There are multiple entrances to the Summerwood development; however, there is only a single entry point into the water plant facility. Primary access to the District is to the east off of West Lake Houston Parkway and Deussen Parkway.	
Other		

Physical Security		
Item	Description	
Access control procedures	The WP 1 site is secured with secure fencing as required by TCEQ with combination locks which are not disseminated and can be readily changed in the event of a lockdown.	
Restricted areas	There are no restricted areas in the facility. Hazardous areas include the chemical feed rooms, electrical switchgear rooms, and booster pump area. Equipment may start automatically at any time and without warning.	
Other		

Cybersecurity		
tem Description		
Disconnect procedure	If possible, disconnect compromised computers from the network to isolate breached components and prevent further damage, such as the spreading of malware.	
Notification	In the event of a cyber incident, contact Alan Hayes with Hayes Automation.	
	For additional resources contact Department of Homeland Security National Cybersecurity and Communications Integration Center (NCCIC) (888-282-0870 or NCCIC@hq.dhs.gov).	
Assess procedure	Assess any damage to utility systems and equipment, along with disruptions to utility operations.	

Cybersecurity		
Item	Description	
Implementation processes	Implement actions to restore operations of mission critical processes (e.g., switch to manual operation if necessary) and provide public notification (if required).	
Documentation	Document key information on the incident, including any suspicious calls, emails, or messages before or during the incident, damage to utility systems, and steps taken in response to the incident (including dates and times).	

Power Loss – HCMUD 344 WP 1		
Item	Description	
Backup power systems	Existing on-site diesel gas generator.	
Power utility	Coordinate with your power utility for expected restoration priorities and timing. Power utility contact information should be listed in Section 3.2 above.	
Fuel plan	Apache oil, Jaguar Refueling	
Maintenance plan	Texas Diesel Maintenance services the units quarterly. Spare set of filters and oil onsite.	

Emergency Alternate Drinking Water Supplies*			
Item	Description		
Bottled water	Provider name: Ozarka Bottled Water		
	Phone: 866-889-3567; 713-799-1452		
	Distribution point (notify public of location): 9351 E Point Dr, Houston, TX 77054		
Bottled Water	Provider name: Sparkletts		
	Phone: 800-201-6218		
	Distribution point (notify public of location): Delivery		
Bulk water (check with your	Provider name: H2EcO Water		
state first for licensed water	Phone: 713-812-8400; 1-888-227-7177		
haulers)	Distribution point (notify public of location): 12922 Hempstead Rd, Houston, TX 77040		

<sup>\*</sup> Interconnections are listed and described in Section 3.1

Sampling and Analysis		
Item	Description	
HCMUD 361 District Operator	MMIA maintains a sampling and analysis regimen that meets all of the TCEQ requirements for drinking water utilities.	
Sampling procedures	Sampling procedures are outlined in the TCEQ monitoring plan.	
Pre-identified sampling locations	Sampling locations are as designated in the HCMUD 361 monitoring plan.	
Sample collection	The MMIA Regional Environmental, Health and Safety Manager (Clayton Galloway) will coordinate sampling with Water Utility Services and field personnel.	

Sampling and Analysis			
Item Description			
Sample transportation	The laboratory provides the key personnel and transportation of samples.		
Interpreting results	Work with the appropriate lab, utility and regulatory agency personnel to interpret sample results. The key employees include: Water Utility Services – Steve Grychka MMIA – Clayton Galloway		
	Local Contract/State/Federal Laboratory Contact List		
Item	Description		
TCEQ Approved Drinking	See Appendix C		
Water Laboratories			

# 2.2 Incident-Specific Response Procedures

MMIA's Incident Specific Response Procedures are as follows:

### Section I. <u>Fires and Emergencies</u>

In the event of any fire or other emergency, a report shall be made immediately by calling the supervisor or by reporting directly to the senior member of management present. If the employee discovering the emergency determines that the emergency requires outside assistance, the senior employee present will call 911. The senior employee reporting the incident should:

- Provide the location of the emergency
- Provide their name
- Describe the nature of the problem
- Provide a call back number
- Provide any site-specific characteristics that may impact the response to the emergency

Once the emergency has been reported to local emergency response entities, the senior employee involved in the emergency shall set into motion the internal emergency response plan to deal with the particular emergency which will include notification of his/her supervisor and Emergency Plan/Fire Prevention Coordinator as required.

After reporting the incident, the senior employee at the location will secure the location until emergency response personnel arrive.

Emergency Number for Outside Assistance:

Fire Department:	911
Police:	911
Emergency Medical Services:	911

### Section II. Severe Weather Conditions

If the weather forecast is predicting floods, hurricanes, tornadoes, or severe winter storms, the site manager will maintain a check on weather conditions by the best means available. If the weather forecast is calling for a storm condition, which would precipitate heavy rains, roof drains should be cleaned to allow drainage. In situations where downed trees may present a problem, at least one chain saw should be cleaned, operational, and ready for use. Below are some of the threats:

### O FLOODS

The site manager will closely observe and stay tuned to local radio stations for updates on changing conditions. If the water level rises high enough to warrant the evacuation of employees, the site manager will evacuate the facility before it is impossible for the employees to safely leave the facility. The facility emergency routes and procedures will be followed. If equipment or vehicles need to be moved to higher locations or to other plant locations, action should be taken as soon as possible. Delay can cause loss of valuable property.

### O HURRICANES

The site manager will stay abreast of changing weather conditions as in flood conditions, and if necessary for the safety of employees, will evacuate the facility. Hurricanes can produce heavy rains and strong winds. Follow guidelines for floods and be prepared to handle damaged property from winds and fallen trees, power lines, etc.

### SEVERE WEATHER STORMS

The site manager will determine when to evacuate the facility by monitoring weather conditions by radio and personal observations. Employees will be sent home while travel conditions are still safe. The facility and equipment will be readied for severe temperature drops and possible power outages. As in hurricanes, the potential for fallen trees from strong winds is possible. During a severe winter storm, heavy snow accumulations may exist, and roofs may be damaged which could result in damage to machinery and equipment inside the facility due to water damage.

### Section III. Hazardous Material Spills

In the event of a hazardous material spill, the employee detecting the problem should notify his supervisor immediately. When notifying management of a spill, provide the following information:

- **1.** Exact location of spill.
- 2. What chemical has been spilled?
- 3. Status of chemical (hazardous, extremely hazardous, carcinogenic, toxic, etc.).
- 4. Time of spill.
- 5. If employees exposed to chemical, how many.
- **6.** Status of employees exposed to chemical.

Chemical spills can occur anywhere, any time. But there is no such thing as a harmless chemical spill. Even a leaking drum or other small spill may cause environmental damage by leaking into a drain, endangering the health of workers, or causing a fire or explosion. Therefore, it is important to know exactly what steps to follow if a chemical spill should occur at your workplace.

### **CHEMICAL SPILL ACTION PLAN**

In the event of a chemical spill, the following steps are to be followed:

- 1. Identify, if possible, the spilled material. If possible, without exposure to the spilled chemical, shut off the source of the flow.
- 2. If the material is flammable or unknown, shut off all ignition sources.
- 3. Barricade or isolate the area of the spill.
- **4.** Notify <u>manager on duty</u> immediately.
- 5. Begin spill containment procedures.
- 6. If the spill is of an unknown chemical, the manager on duty will notify the appropriate municipal agencies.
- Once containment is assured, the manager on duty will determine the appropriate level of personal protective equipment based on the material safety data sheet for the chemical spilled and direct cleanup activities. Absorbent material may be placed in drums for off-site disposal by a licensed disposal service. The appropriate city, state and federal agencies will be notified if required.
- 8. In situations where a water supply (ex. river, lake, bayou, etc.) is contaminated by the spill, the appropriate individual at MMI&A must be notified as stated in the MMI&A emergency notification policy. That individual will notify the proper authority.
- 9. After the spill has been cleaned up, the site manager will be notified by those in charge of the clean-up when employees may resume their normal work duties if an evacuation occurred.

### Section IV. Chlorine and Sulfur Dioxide Releases

Outlined below are the following procedures that are to be followed when there is a Chlorine or Sulfur Dioxide release at your facility.

If a release or emergency situation exists, contact the dispatch office at the number listed in the on call manual or the change-out team for that particular area. The Operator must communicate the location of the facility and the severity of the release. If the release is detectable at the facility's fence line, the operator will contact the appropriate emergency responders. The Operator detecting the release should secure the area and standby in an up-wind position until emergency responders arrive.

### Section V. Cyber Security

All MMI&A computers have active Anti-Virus / Firewalls in place and the staff is trained to address cyber threats such as phishing, ransomware, data breach.

In addition to the MMIA's Incident-Specific Response Procedures, the Environmental Protection Agency's (the "EPA") website (<a href="https://www.epa.gov/waterutilityresponse/incident-action-checklists-water-utilities">https://www.epa.gov/waterutilityresponse/incident-action-checklists-water-utilities</a>) provides several incident action checklists (IACs) that can be used to supplement the ISRPs. Below is a table of checklists that are located on the EPA website.

	EPA Incident Action Checklists for Water Utilities
Topic	Description
EPA Checklists	Pandemic Incident
	Power Outage
	Harmful Algal Bloom
	Cybersecurity Incident
	Extreme cold and winter storms
	Earthquake
	Drought
	Extreme Heat
	Flooding
	Hurricane
	Tornado
	Tsunami
	Volcanic activity
	Wildfire

# **MITIGATION ACTIONS**

This section contains actions, procedures, and equipment which can obviate or significantly lessen the impact of a malevolent act or natural hazard on the public health and the safety and supply of drinking water provided to your community and individuals, including the development of alternative source water options.

# 3.1 Alternative Source Water Options and Interconnected Utilities

HCMUD 344's WP 1 is interconnected with the City of Houston's Northeast Water Purification Plant. The HCMUD 344 water supply consists of two (2) groundwater wells which provide supply redundancy for the service area.

Alternative Source Water Options			
Туре	Location	Comments	
Surface Water – Direct Pressure Connection and GST Air Gap Connections	WP 1	HCMUDs 342, 344 and 361 currently have a 10MG/month take or pay contract with the City of Houston	

Interconnected Utilities – N/A			
Utility Name	Location	Contact Information	Comments

### 3.2 Other Mitigation Actions

List any mitigation procedures or projects implemented at your utility, such as raising facilities and controls or constructing berms to protect against flood damage.

Mitigation Actions			
Туре	Location	Comments	
Pumps & Electrical	Entire facility (WP 1)	Property lies entirely above the base flood level and in Zone "X", FIRM Panel 48201C0520L effective June 18, 2007.	

# **4 DETECTION STRATEGIES**

This section contains strategies that can be used to aid in the detection of malevolent acts or natural hazards that threaten the security or resilience of the system.

See the following EPA website for the referenced checklists: <u>Incident Action Checklists for Water Utilities | Emergency</u> Response for Drinking Water and Wastewater Utilities | US EPA

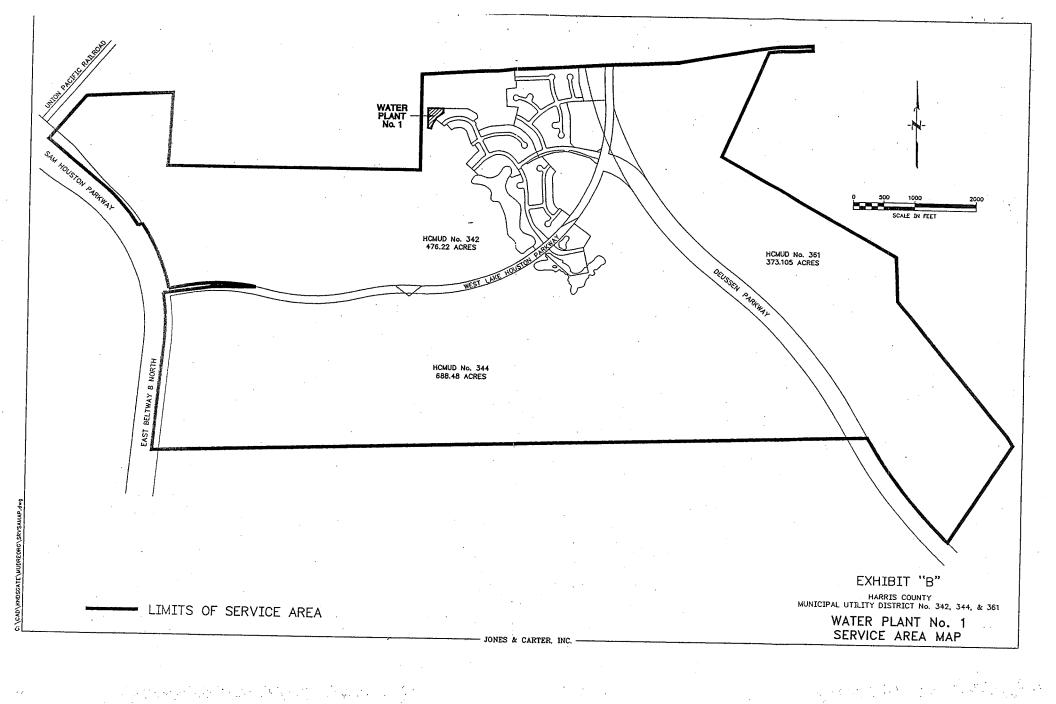
Detection Strategies			
Threat	Detection Method	Procedure	
Unauthorized entry	Visual identification of access doors/locks that had been tampered with	Call 911	
Source water contamination	<ul> <li>National Response Center notifications</li> <li>Notification from 911 for releases resulting from transportation accidents</li> </ul>	EPA Source Water Contamination Incident Response Plan	
Distribution system contamination	Customer complaint surveillance     Public health surveillance	EPA Distribution System Contamination Response Procedure	
Cyber intrusion	Notification from utility staff	EPA Cyber Incident Action Checklist	
Hazardous chemical release	Chlorine gas in air monitors	Call fire department	
Hurricane	Weather Service alerts	Hurricane Incident Action Checklist	
Flood	Notification from Army Corp	Flood Incident Action Checklist	
Power outage	Notification from energy provider     Alarm from line power sensor	Generator Start-up Checklist	

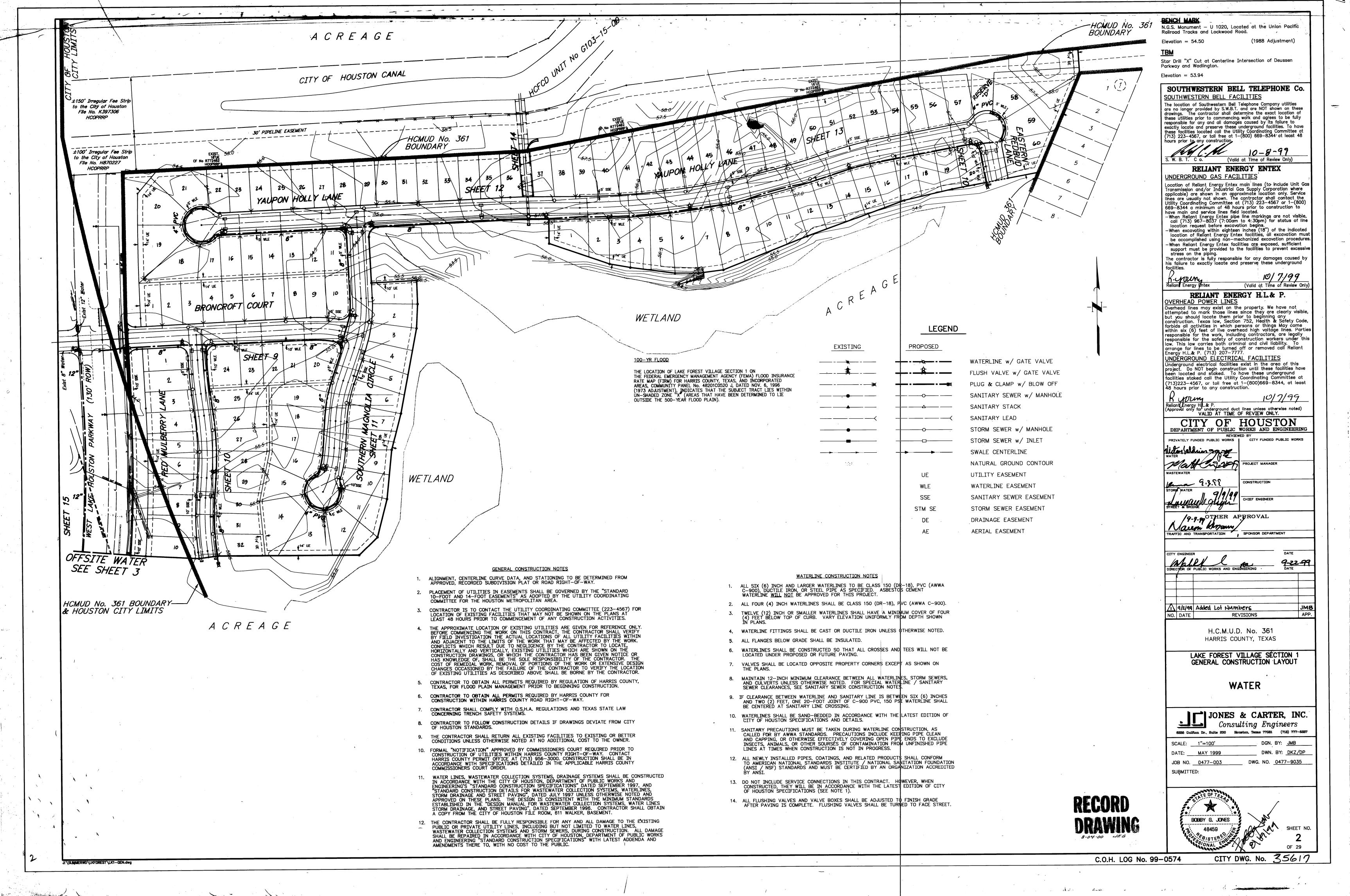
# **LIST OF APPENDICES**

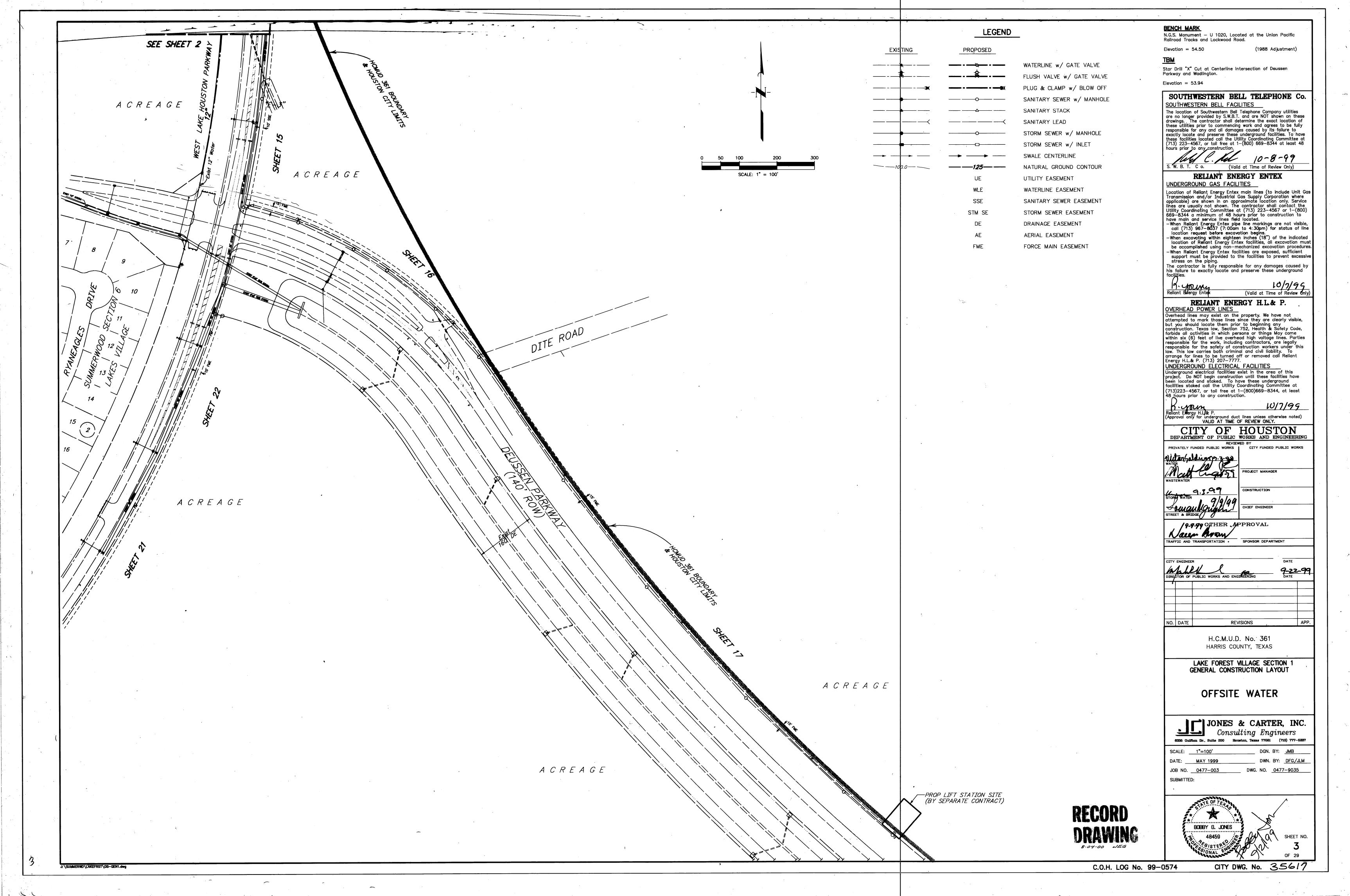
Appendix A: HCMUD 344 WP Facility and Service Area Map

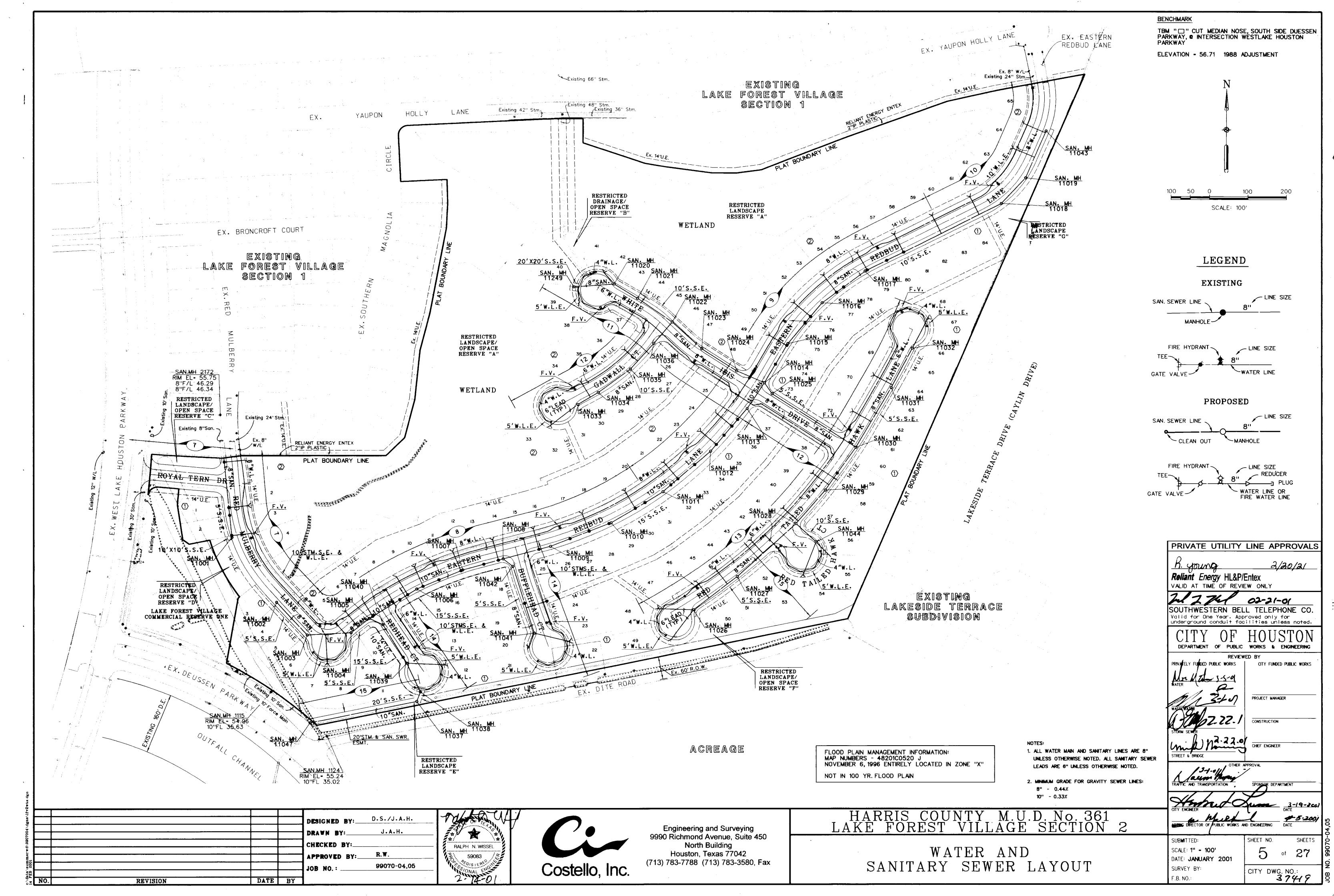
Appendix B: HCMUD 361 Water Distribution System Overall Drawings

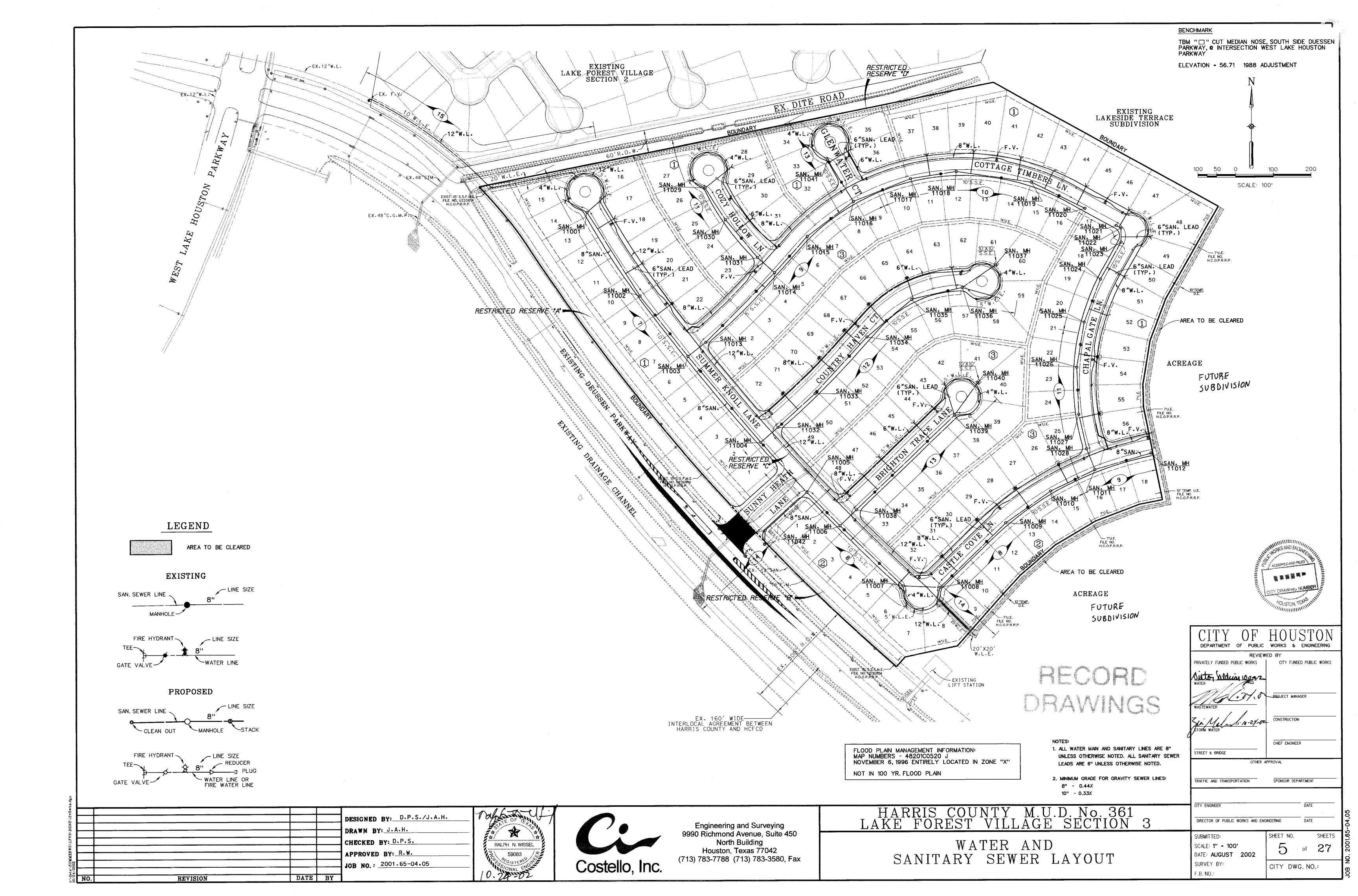
**Appendix C: TCEQ Approved Drinking Water Laboratories** 

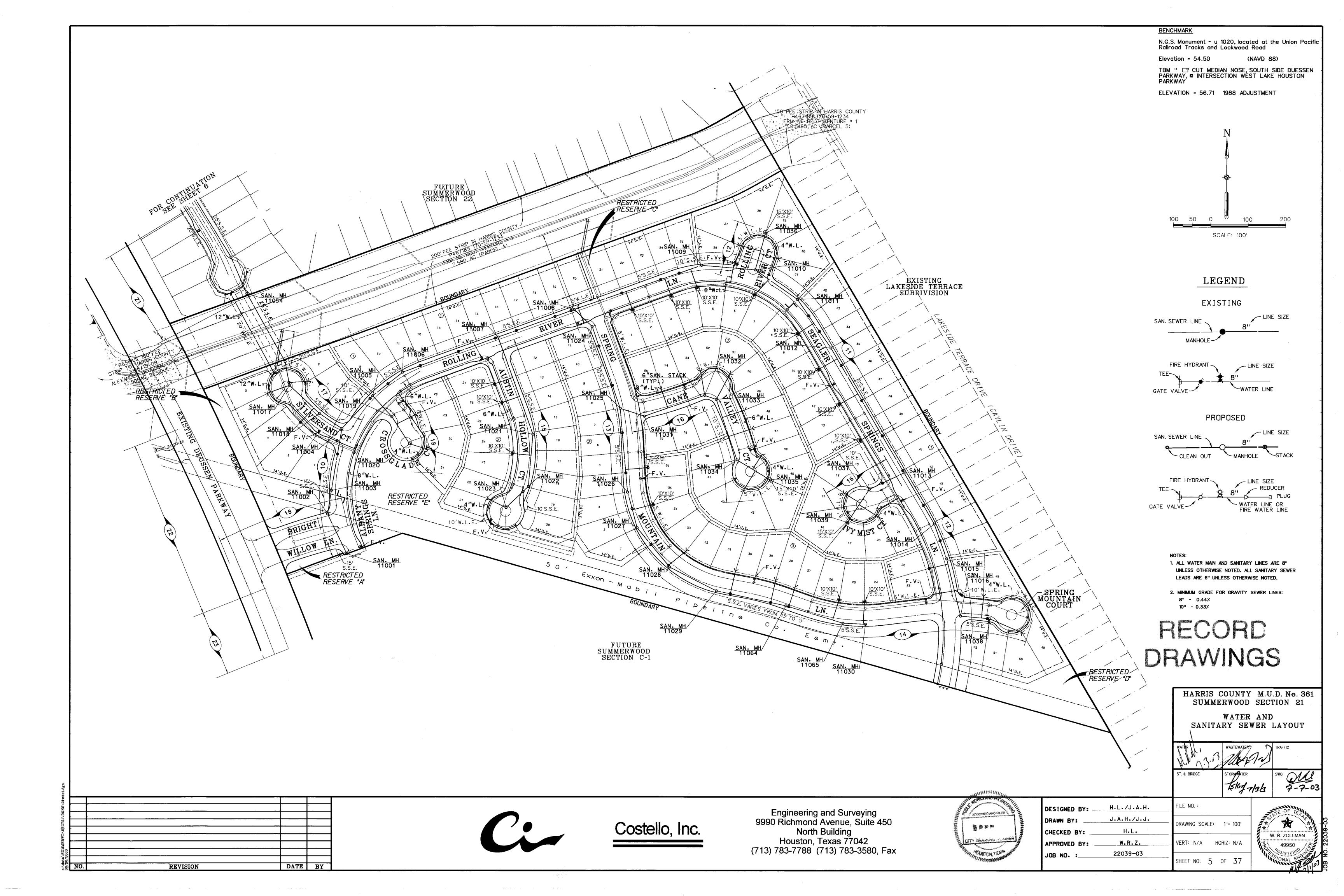


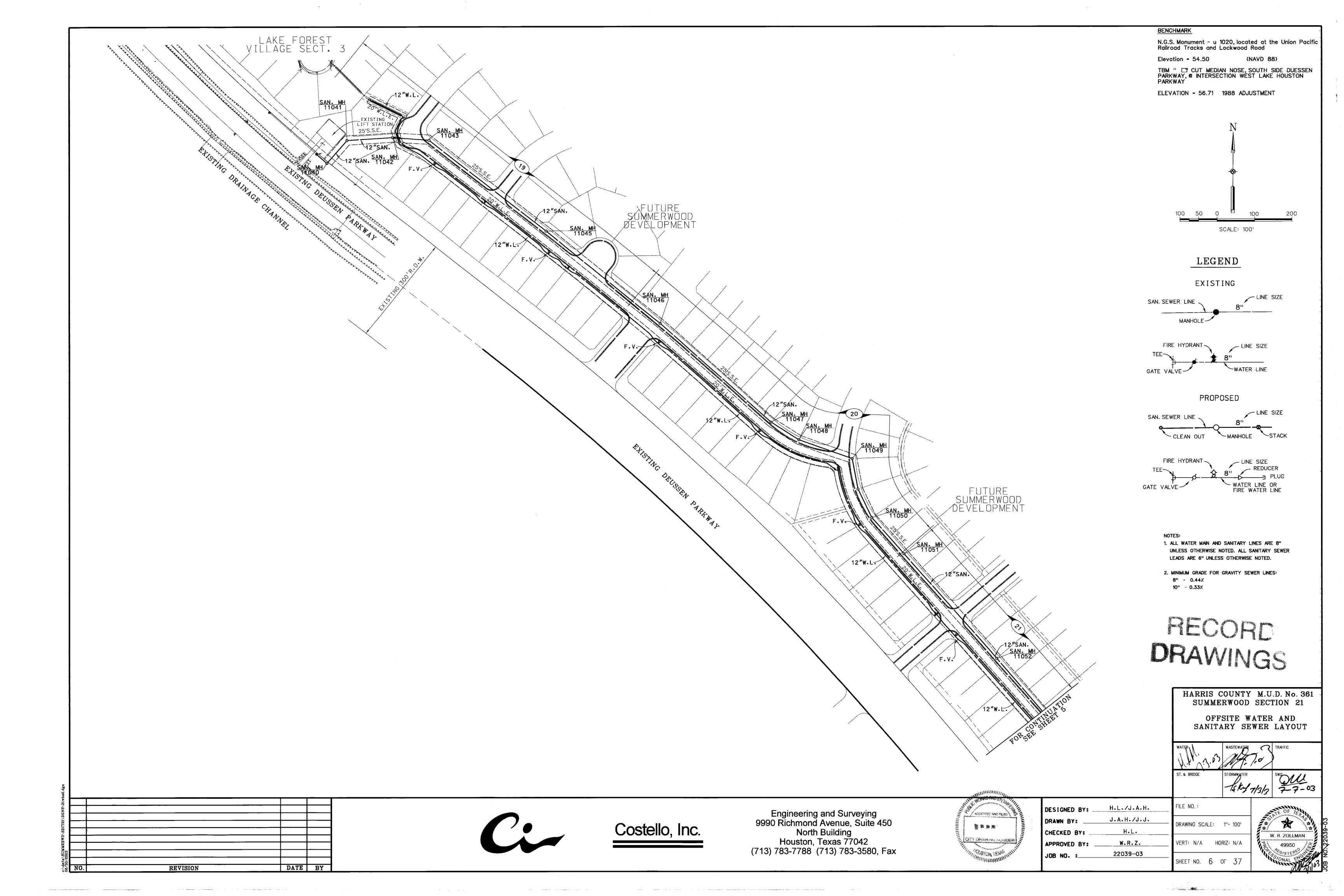


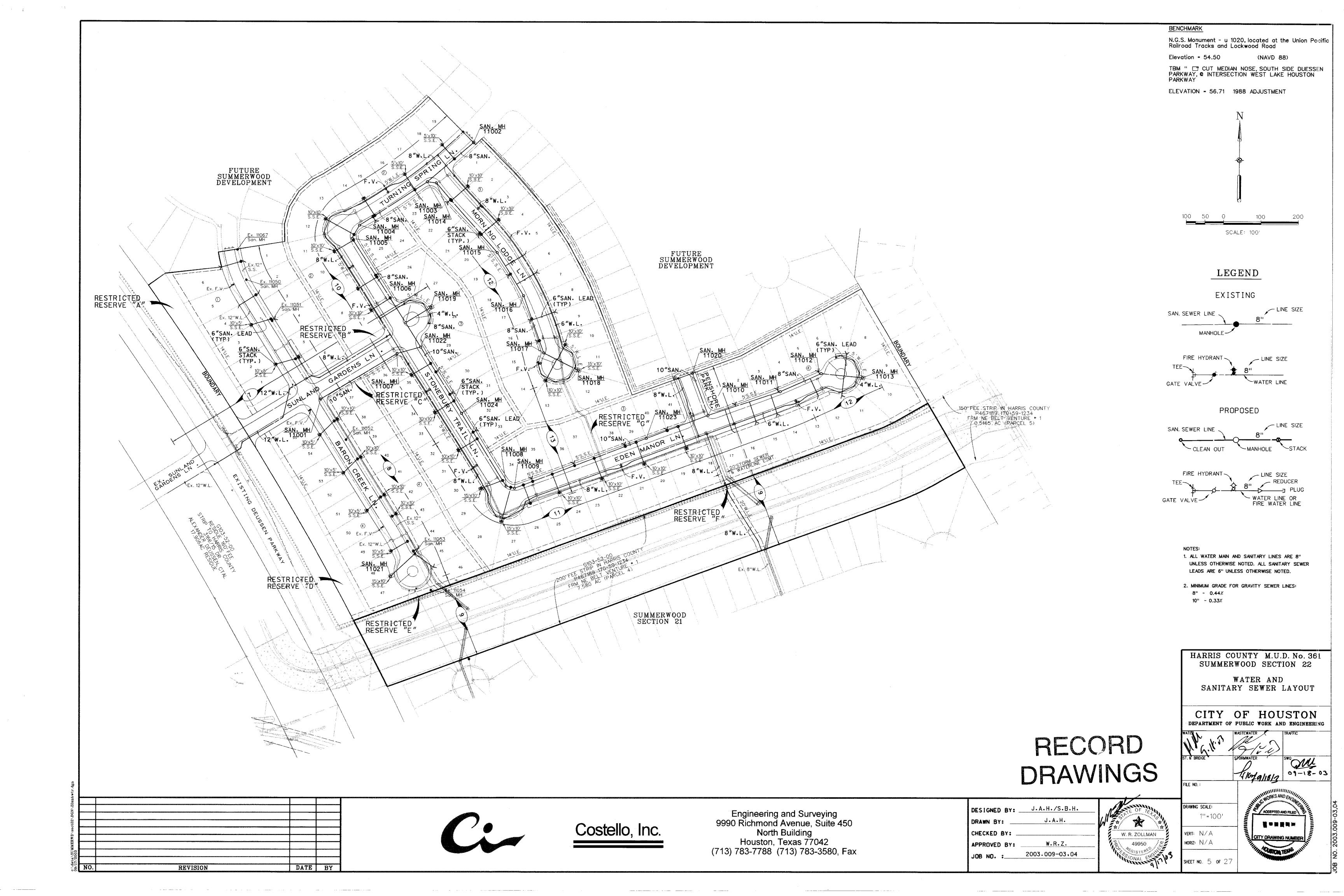


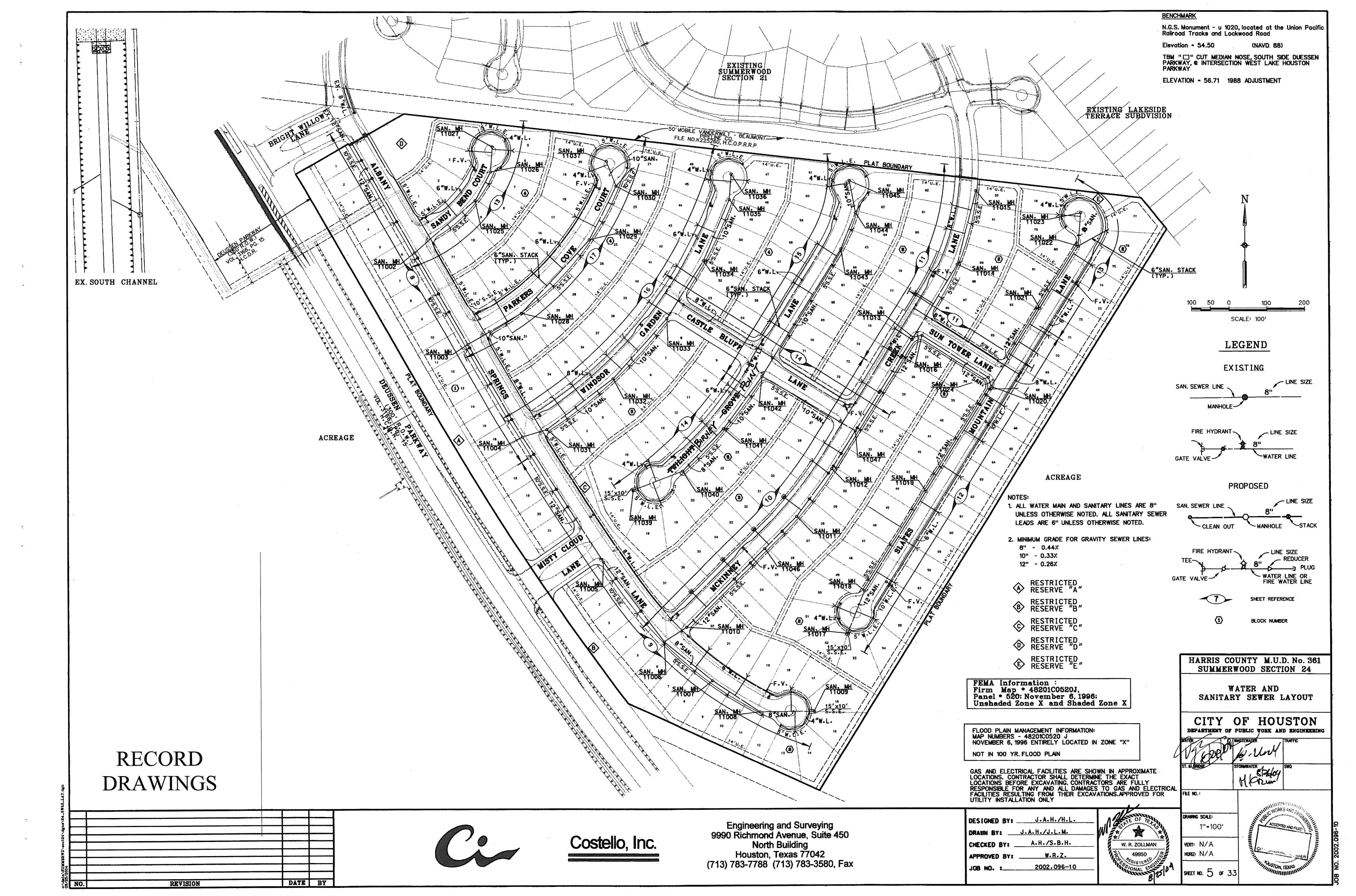


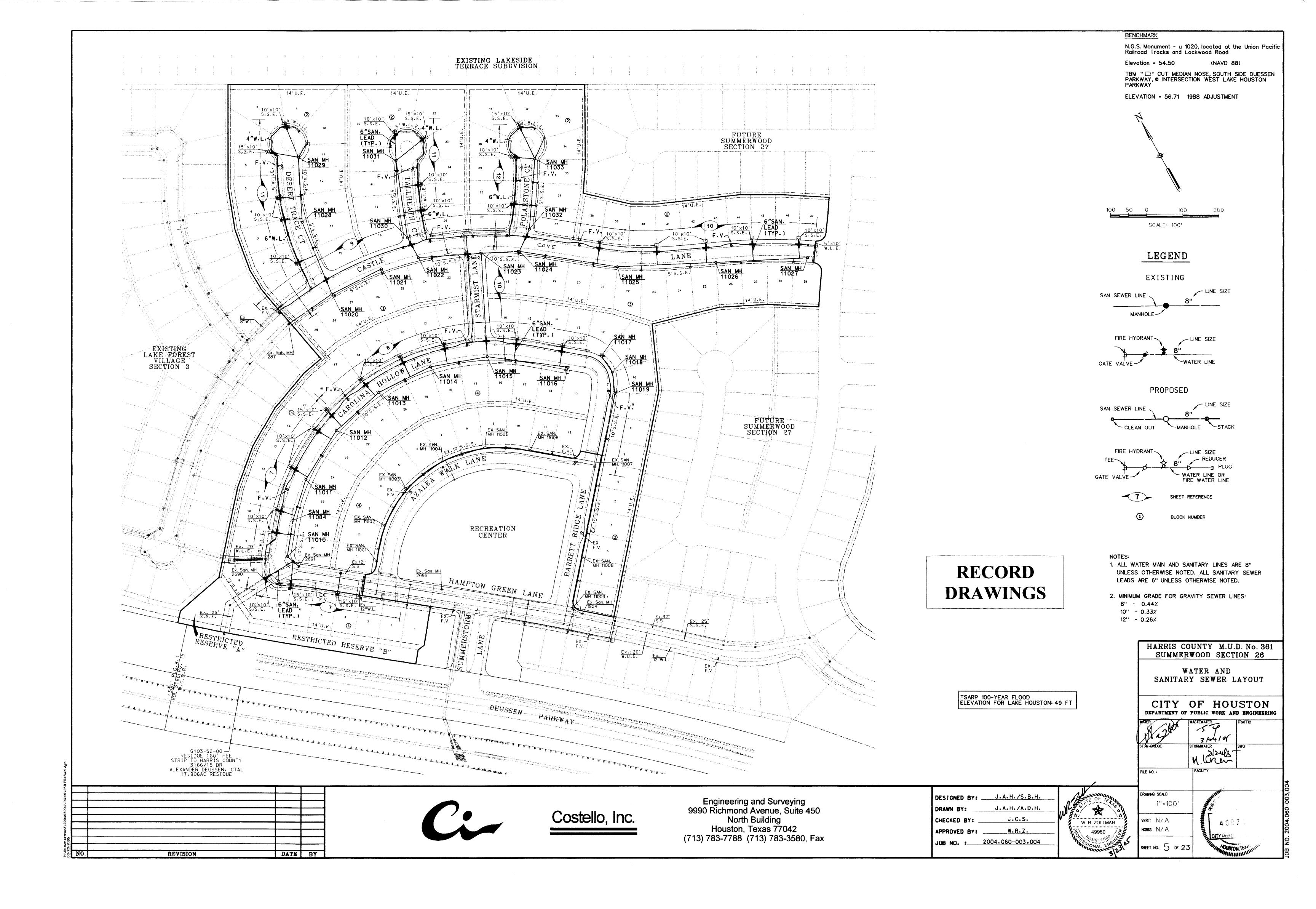


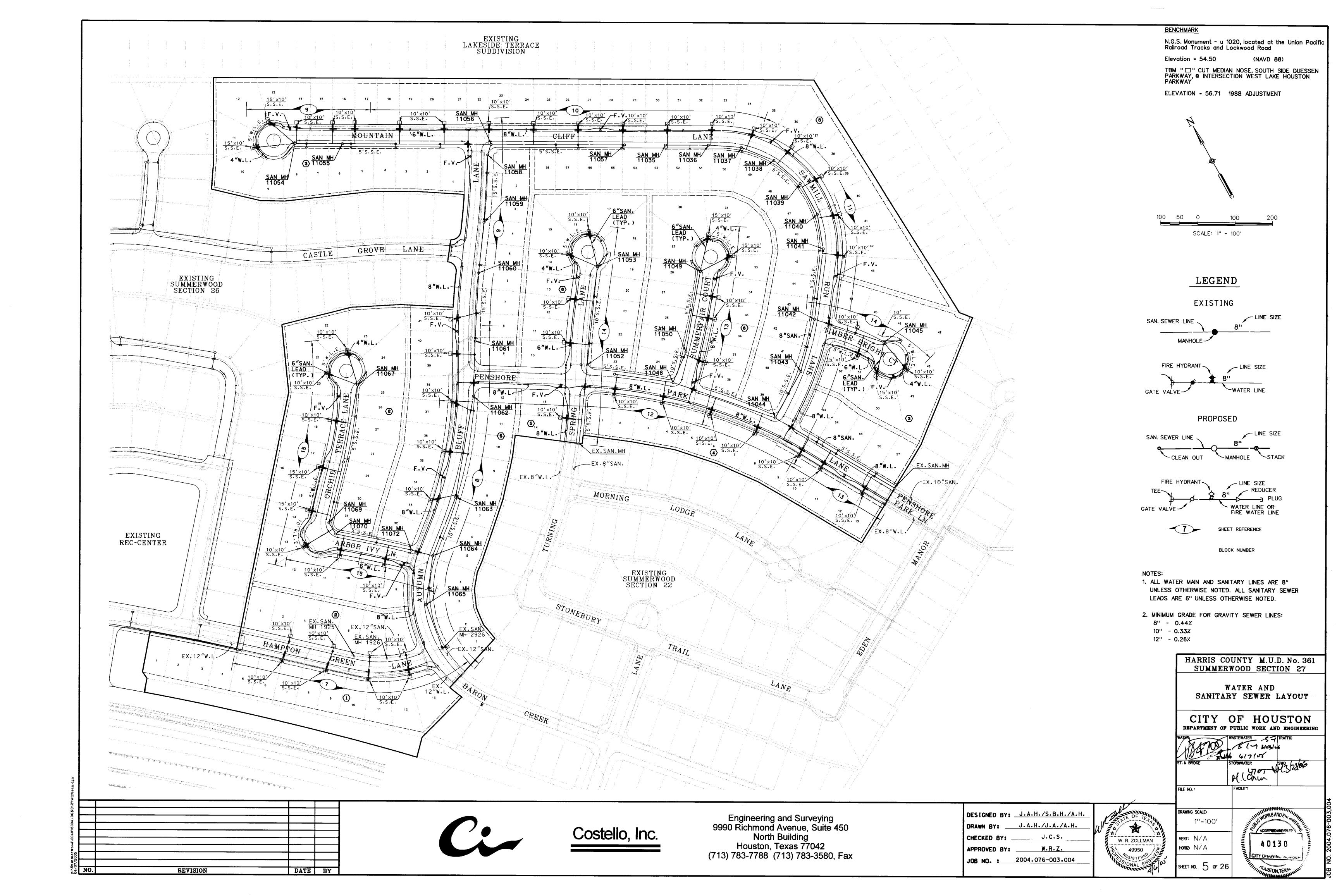












## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

## **Approved Drinking Water Laboratories**

The following list of laboratories are approved by the TCEQ's Drinking Water Standards Division. The list indicates each approved drinking water analyte and method for each laboratory listed. For questions related to individual laboratory approval please call (512) 239-4691.

and method for each laboratory listed. For questions	related to marriada laborator	y approvar picase carr (	,
A & B Environmental Services, Inc  Mark Johnston 10100 East Freeway, Suite 100	Lab ID: TX2 Accreditation ID: T10		Approval Date: <b>7/9/2020</b> Phone Number: (713) 453-6060 Fax Number: (713) 453-6091
Houston, TX 77029	Analyte	Method	Valid Until
	Alkalinity	2320B	12/31/2020
	Calcium	200.7	12/31/2020
	Conductivity	2510B	12/31/2020
	Free Chlorine	4500CL-G	12/31/2020
	Hardness	2340B	12/31/2020
	Orthophosphate	300.0	12/31/2020
	Orthophosphate	4500P-E	12/31/2020
	рН	4500H-B	12/31/2020
	рН	150.1	12/31/2020
	Silica	200.7	12/31/2020
	Silica	4500SI02 D	12/31/2020
	TOC	5310B	12/31/2020
	Total Chlorine	4500CL-G	12/31/2020
	Turbidity	180.1	12/31/2020
	Turbidity	2130B	12/31/2020
	UV254	5910B	12/31/2020
	0 7 2 3 4	33100	12/31/2020
Ana-Lab Corporation  Tracey Varvel 2600 Dudley Rd	Lab ID: TX2 Accreditation ID: T10	219	Approval Date: <b>6/1/2020</b> Phone Number: (903) 984-0551 Fax Number: (903) 984-5914
Tracey Varvel	Lab ID: <b>TX2</b>	219	Approval Date: <b>6/1/2020</b> Phone Number: (903) 984-0551
Tracey Varvel 2600 Dudley Rd	Lab ID: <b>TX2</b> Accreditation ID: <b>T1</b> 0	<b>219</b> 04704201	Approval Date: <b>6/1/2020</b> Phone Number: (903) 984-0551 Fax Number: (903) 984-5914
Tracey Varvel 2600 Dudley Rd	Lab ID: TX2 Accreditation ID: T10 Analyte	<b>219</b> 04704201 Method	Approval Date: <b>6/1/2020</b> Phone Number: (903) 984-0551 Fax Number: (903) 984-5914  Valid Until
Tracey Varvel 2600 Dudley Rd	Lab ID: TX2 Accreditation ID: T10 Analyte Alkalinity	Method 2320B	Approval Date: <b>6/1/2020</b> Phone Number: (903) 984-0551 Fax Number: (903) 984-5914  Valid Until 12/31/2020
Tracey Varvel 2600 Dudley Rd	Lab ID: TX2 Accreditation ID: T10 Analyte Alkalinity Calcium	Method 2320B 200.7	Approval Date: <b>6/1/2020</b> Phone Number: (903) 984-0551 Fax Number: (903) 984-5914  Valid Until 12/31/2020 12/31/2020
Tracey Varvel 2600 Dudley Rd	Lab ID: TX2 Accreditation ID: T10  Analyte Alkalinity Calcium Chlorite	Method 2320B 200.7 300.1	Approval Date: <b>6/1/2020</b> Phone Number: (903) 984-0551 Fax Number: (903) 984-5914  Valid Until 12/31/2020 12/31/2020 12/31/2020
Tracey Varvel 2600 Dudley Rd	Lab ID: TX2 Accreditation ID: T10  Analyte Alkalinity Calcium Chlorite Conductivity	Method 2320B 200.7 300.1 2510B	Approval Date: <b>6/1/2020</b> Phone Number: (903) 984-0551 Fax Number: (903) 984-5914  Valid Until 12/31/2020 12/31/2020 12/31/2020 12/31/2020
Tracey Varvel 2600 Dudley Rd	Lab ID: TX2 Accreditation ID: T10  Analyte Alkalinity Calcium Chlorite Conductivity Free Chlorine	Method 2320B 200.7 300.1 2510B 4500CL-G	Approval Date: 6/1/2020 Phone Number: (903) 984-0551 Fax Number: (903) 984-5914  Valid Until 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020
Tracey Varvel 2600 Dudley Rd	Lab ID: TX2 Accreditation ID: T10  Analyte Alkalinity Calcium Chlorite Conductivity Free Chlorine Hardness	Method 2320B 200.7 300.1 2510B 4500CL-G 2340B	Approval Date: 6/1/2020 Phone Number: (903) 984-0551 Fax Number: (903) 984-5914  Valid Until 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020
Tracey Varvel 2600 Dudley Rd	Lab ID: TX2 Accreditation ID: T10  Analyte Alkalinity Calcium Chlorite Conductivity Free Chlorine Hardness pH	Method 2320B 200.7 300.1 2510B 4500CL-G 2340B 4500H-B	Approval Date: 6/1/2020 Phone Number: (903) 984-0551 Fax Number: (903) 984-5914  Valid Until 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020
Tracey Varvel 2600 Dudley Rd	Lab ID: TX2 Accreditation ID: T10  Analyte Alkalinity Calcium Chlorite Conductivity Free Chlorine Hardness pH Phosphate	Method 2320B 200.7 300.1 2510B 4500CL-G 2340B 4500H-B 300.0	Approval Date: 6/1/2020 Phone Number: (903) 984-0551 Fax Number: (903) 984-5914  Valid Until 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020
Tracey Varvel 2600 Dudley Rd	Lab ID: TX2 Accreditation ID: T10  Analyte Alkalinity Calcium Chlorite Conductivity Free Chlorine Hardness pH Phosphate Phosphate	Method 2320B 200.7 300.1 2510B 4500CL-G 2340B 4500H-B 300.0 4500P-E	Approval Date: 6/1/2020 Phone Number: (903) 984-0551 Fax Number: (903) 984-5914  Valid Until 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020
Tracey Varvel 2600 Dudley Rd	Lab ID: TX2 Accreditation ID: T10  Analyte Alkalinity Calcium Chlorite Conductivity Free Chlorine Hardness pH Phosphate Phosphate Silica	Method 2320B 200.7 300.1 2510B 4500CL-G 2340B 4500H-B 300.0 4500P-E 200.7	Approval Date: 6/1/2020 Phone Number: (903) 984-0551 Fax Number: (903) 984-5914  Valid Until 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020
Tracey Varvel 2600 Dudley Rd	Lab ID: TX2 Accreditation ID: T10  Analyte Alkalinity Calcium Chlorite Conductivity Free Chlorine Hardness pH Phosphate Phosphate Silica Temperature	Method 2320B 200.7 300.1 2510B 4500CL-G 2340B 4500H-B 300.0 4500P-E 200.7 2550	Approval Date: 6/1/2020 Phone Number: (903) 984-0551 Fax Number: (903) 984-5914  Valid Until 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020
Tracey Varvel 2600 Dudley Rd	Lab ID: TX2 Accreditation ID: T10  Analyte Alkalinity Calcium Chlorite Conductivity Free Chlorine Hardness pH Phosphate Phosphate Silica Temperature TOC	Method 2320B 200.7 300.1 2510B 4500CL-G 2340B 4500H-B 300.0 4500P-E 200.7 2550 5310C	Approval Date: 6/1/2020 Phone Number: (903) 984-0551 Fax Number: (903) 984-5914  Valid Until 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020

Monday, August 3, 2020 Page 1 of 13

The following list of laboratories are approved by the TCEQ's Drinking Water Standards Division. The list indicates each approved drinking water analyte and method for each laboratory listed. For questions related to individual laboratory approval please call (512) 239-4691.

s related to individual laborato	ory approvai piease ca	II (512) 239-4691.
		Approval Date: <b>7/6/2020</b> Phone Number: (512) 581-0705 Fax Number:
Analyte	Method	Valid Until
·		12/31/2020
Calcium	3500-CA B	12/31/2020
Conductivity	2510B	12/31/2020
•	300.0	12/31/2020
Silica	200.7	12/31/2020
		12/31/2020
Lab ID: <b>TX</b>		Approval Date: <b>5/29/2020</b> Phone Number: (979) 778-3707 Fax Number: (979) 778-3193
Analyte	Method	Valid Until
Alkalinity	2320B	12/31/2020
Calcium	200.7	12/31/2020
Conductivity	2510B	12/31/2020
Free Chlorine	4500CL-F	12/31/2020
рН	4500H-B	12/31/2020
•	4500P-E	12/31/2020
Silica	200.7	12/31/2020
Temperature	2550	12/31/2020
TOC	5310B	12/31/2020
Total Chlorine	4500CL-F	12/31/2020
Turbidity	2130B	12/31/2020
UV254	5910B	12/31/2020
		Approval Date: <b>6/12/2020</b> Phone Number: (361) 572-8224 Fax Number: (361) 572-4115
Analyte	Method	Valid Until
Alkalinity TOC	2320B 5310B	12/31/2020 12/31/2020
		Approval Date: <b>3/9/2020</b> Phone Number: (806) 353-4425 Fax Number: (806) 352-6454
		, ,
·		Valid Until
•		12/31/2020
•		12/31/2020
		12/31/2020
Temperature	2550	12/31/2020
	Lab ID: TX Accreditation ID: T1  Analyte Alkalinity Calcium Conductivity Phosphate Silica Turbidity  Lab ID: TX Accreditation ID: T1  Analyte Alkalinity Calcium Conductivity Free Chlorine pH Phosphate Silica Temperature TOC Total Chlorine Turbidity UV254  Lab ID: T1  Analyte Alkalinity TOC  Lab ID: T1	Alkalinity 2320B Calcium 3500-CA B Conductivity 2510B Phosphate 300.0 Silica 200.7 Turbidity 2130B  Lab ID: TX239 Accreditation ID: T104704371  Analyte Method Alkalinity 2320B Calcium 200.7 Conductivity 2510B Free Chlorine 4500CL-F pH 4500H-B Phosphate 4500P-E Silica 200.7 Temperature 2550 TOC 5310B Total Chlorine 4500CL-F Turbidity 2130B UV254 5910B  Lab ID: T104704328 Accreditation ID: T104704328  Analyte Method Alkalinity 2320B TOC 5310B  Lab ID: T104704346 Accreditation ID: T104704346  Analyte Method Alkalinity 2320B TOC 5310B  Lab ID: T104704346  Accreditation ID: T104704346  Analyte Method Alkalinity 2320B TOC 5310B  Lab ID: T104704346  Accreditation ID: T104704346

Monday, August 3, 2020 Page 2 of 13

The following list of laboratories are approved by the TCEQ's Drinking Water Standards Division. The list indicates each approved drinking water analyte and method for each laboratory listed. For questions related to individual laboratory approval please call (512) 239-4691.

and method for each laboratory listed. For questions	related to individual laborator	ry approval please cal	1 (512) 239-4691.
Jose Ramon Saenz 1385 PUB Dr.	Lab ID: <b>48116</b> Accreditation ID: T104704357		Approval Date: <b>6/2/2020</b> Phone Number: (956) 983-6356 Fax Number: (956) 983-6359
Brownsville, TX 78520	Analyte	Method	Valid Until
	Alkalinity	2320B	12/31/2020
	Calcium	3500-CA B	12/31/2020
	Chlorine Dioxide	4500CLO2-E	12/31/2020
	Chlorite	4500CLO2-E	12/31/2020
	Conductivity	2510B	12/31/2020
	Free Chlorine	4500CL-G	12/31/2020
	рН	4500H-B	12/31/2020
	Temperature	2550	12/31/2020
	TOC	5310B	12/31/2020
	Total Chlorine	4500CL-G	12/31/2020
	Turbidity	2130B	12/31/2020
	UV254	5910B	12/31/2020
Chaparral Laboratories, Inc.  David Veinotte P.O. Box 1622, 861 Hwy 19	Lab ID: <b>T10</b> Accreditation ID: <b>T10</b>		Approval Date: <b>6/2/2020</b> Phone Number: (936) 291-1881 Fax Number: (936) 295-1731
Huntsville, TX 77320-1111	Analyte	Method	Valid Until
	Alkalinity	2320B	12/31/2020
	Calcium	3111B	12/31/2020
	Conductivity	2510B	12/31/2020
	рН	4500H-B	12/31/2020
	Phosphate	300.0	12/31/2020
	Temperature	2550	12/31/2020

Monday, August 3, 2020 Page 3 of 13

The following list of laboratories are approved by the TCEQ's Drinking Water Standards Division. The list indicates each approved drinking water analyte and method for each laboratory listed. For questions related to individual laboratory approval please call (512) 239-4691.

and method for each laboratory listed. For questions r	related to individual laborator	ry approval please call (5	12) 239-4691.
City of Abilene Environmental Laboratory  Mike Michaud 4209 East Lake Rd	Lab ID: <b>T10</b> Accreditation ID: <b>T10</b>		Approval Date: <b>6/16/2020</b> Phone Number: (325) 676-6041 Fax Number: (325) 676-6044
Abilene, Texas 79601	Analyte	Method	Valid Until
	Alkalinity	2320B	12/31/2020
	Calcium	200.7	12/31/2020
	Chlorine Dioxide	4500CLO2-E	12/31/2020
	Chlorine Dioxide	CHLORDIOX PLUS	12/31/2020
	Chlorite	300.0	12/31/2020
	Conductivity	2510B	12/31/2020
	Hardness	2340B	12/31/2020
	рН	4500H-B	12/31/2020
	Phosphate	4500P-E	12/31/2020
	Phosphate	300.0	12/31/2020
	Phosphate	4500P-F	12/31/2020
	Silica	200.7	12/31/2020
	Temperature	2550	12/31/2020
	TOC	5310B	12/31/2020
	Total Chlorine	4500CL-F	12/31/2020
	Turbidity	2130B	12/31/2020
	UV254	5910B	12/31/2020
City of Corpus Christi Water Lab  Marisa Juarez 13101 Leopard St.	Lab ID: TX2 Accreditation ID: T10		Approval Date: <b>6/30/2020</b> Phone Number: (361) 826-1201 Fax Number: (361) 242-9131
Corpus Christi, TX 78410-4524	Analyte	Method	Valid Until
•	Alkalinity	2320B	12/31/2020
	Calcium	3500CA-B	12/31/2020
	Chlorine Dioxide	CHLORDIOX PLUS	12/31/2020
	Chlorite	300.0	12/31/2020
	Conductivity	2510B	12/31/2020
	Orthophosphate	300.0	12/31/2020
	рН	4500H-B	12/31/2020
	TOC	5310C	12/31/2020
	Turbidity	2130B	12/31/2020
	UV254	5910B	12/31/2020
	0 4 2 3 4	33100	12/31/2020

Monday, August 3, 2020 Page 4 of 13

The following list of laboratories are approved by the TCEQ's Drinking Water Standards Division. The list indicates each approved drinking water analyte and method for each laboratory listed. For questions related to individual laboratory approval please call (512) 239-4691.

and method for each laboratory listed. For questions	s related to individual laborat	ory approval please call	(512) 239-4691.
City of Fort Worth Central Laboratory  David Nelson 2600 SE Loop 820	Lab ID: <b>48</b> Accreditation ID: <b>T1</b>		Approval Date: <b>7/23/2020</b> Phone Number: (817) 392-5900 Fax Number: (817) 392-5920
Fort Worth, Texas 76140	Analyte	Method	Valid Until
	Alkalinity	2320B	12/31/2020
	Calcium	3500CA-B	12/31/2020
	Conductivity	2510B	12/31/2020
	Free Chlorine	4500CL-F	12/31/2020
	рН	4500H-B	12/31/2020
	Temperature	2550	12/31/2020
	TOC	5310B	12/31/2020
	Total Chlorine	4500CL-F	12/31/2020
	Turbidity	2130B	12/31/2020
	UV254	5910B	12/31/2020
Jason Wells 817 W. 42nd St.	Lab ID: <b>48</b> Accreditation ID: <b>T</b> 1	.04704363	Approval Date: <b>5/26/2020</b> Phone Number: (432) 368-3536 Fax Number:
Odessa, TX 79764	Analyte	Method	Valid Until
	Alkalinity	2320B	12/31/2020
	Free Chlorine	HACH 10260	12/31/2020
	PH	4500H-B	12/31/2020
	Temperature	2550	12/31/2020
	TOC	5310B	12/31/2020
	Total Chlorine	HACH 10260	12/31/2020
	UV254	5910B	12/31/2020
Tiffany Guerrero PO Box 1089	Lab ID: <b>TX</b> Accreditation ID: <b>T1</b>		Approval Date: <b>7/1/2020</b> Phone Number: (936) 653-3249 Fax Number: (936) 653-3172
Coldspring, TX 77331	Analyte	Method	Valid Until
	Alkalinity	2320B	12/31/2020
	Calcium	200.7	12/31/2020
	Chlorite	300.0	12/31/2020
	Conductivity	2510B	12/31/2020
	Free Chlorine	4500CL-F	12/31/2020
	рН	4500H-B	12/31/2020
	Phosphate	4500P-E	12/31/2020
	Silica	200.7	12/31/2020
	Temperature	2550	12/31/2020
	TOC	5310C	12/31/2020
	Total Chlorine	4500CL-F	12/31/2020
	Turbidity	2130B	12/31/2020
	UV254	5910B	12/31/2020

Monday, August 3, 2020 Page 5 of 13

The following list of laboratories are approved by the TCEQ's Drinking Water Standards Division. The list indicates each approved drinking water analyte and method for each laboratory listed. For questions related to individual laboratory approval please call (512) 239-4691.

and method for each laboratory listed. For questions i	elated to individual labora	tory approvat please c	Call (512) 239-4091.
Trenda Wood 1119 South University Drive	thes Lab ID: T Accreditation ID: T		Approval Date: <b>7/31/2020</b> Phone Number: (936) 569-8879 Fax Number: (936) 569-8951
Nacogdoches, TX 75961	Analyte	Method	Valid Until
	Alkalinity	2320B	12/31/2020
	Conductivity	2510B	12/31/2020
	рН	4500H-B	12/31/2020
	Phosphate	4500P-E	12/31/2020
	Temperature	2550	12/31/2020
	Turbidity	2130B	12/31/2020
Envirodyne Laboratories, Inc.  Laura Bonjonia 11011 Brooklet Drive, Suite 230	Lab ID: <b>T</b> . Accreditation ID: <b>T</b>		Approval Date: <b>7/1/2020</b> Phone Number: (281) 568-7880 Fax Number: (281) 568-8004
Houston, TX 77099	Analyte	Method	Valid Until
	Alkalinity	2320B	12/31/2020
	Calcium	200.7	12/31/2020
	Conductivity	2510B	12/31/2020
	Free Chlorine	4500CL-G	12/31/2020
	рН	4500H-B	12/31/2020
	Phosphate	4500P-E	12/31/2020
	Silica	200.5	12/31/2020
	Temperature	2550	12/31/2020
	<b>Total Chlorine</b>	4500CL-G	12/31/2020
	Turbidity	2130B	12/31/2020
Environmental Monitoring Laboratory, LLC Serissa Beck PO Box 477	Lab ID: <b>T</b> . Accreditation ID: <b>T</b>		Approval Date: <b>5/12/2020</b> Phone Number: 254-582-2622 Fax Number:
Hillsboro, TX 76645	Analyte	Method	Valid Until
	Free Chlorine	4500CL-G	12/31/2020
	Total Chlorine	4500CL-G	12/31/2020

Monday, August 3, 2020 Page 6 of 13

The following list of laboratories are approved by the TCEQ's Drinking Water Standards Division. The list indicates each approved drinking water analyte and method for each laboratory listed. For questions related to individual laboratory approval please call (512) 239-4691.

Eurofins Eaton Analytical, LLC - South Bend	Lab ID: <b>TX</b>		Approval Date: <b>10/8/2019</b> Phone Number: (574) 472-5523
Dale Piechocki 110 South Hill Street	Accreditation ID: T10	04704187	Fax Number: (574) 233-8207
South Bend, IN 46617	Analyte	Method	Valid Until
	Alkalinity	2320B	9/16/2020
	Calcium	200.7	9/16/2020
	Chlorine Dioxide	4500CLO2-D	9/16/2020
	Chlorite	300.0	9/16/2020
	Conductivity	2510B	9/16/2020
	Free Chlorine	4500CL-G	9/16/2020
	Hardness	2340B	9/16/2020
	Orthophosphate	4500P-E	9/16/2020
	рН	150.1	9/16/2020
	Silica	200.7	9/16/2020
	TOC	5310C	9/16/2020
	Total Chlorine	4500CL-G	9/16/2020
	Turbidity	180.1	9/16/2020
	UV254	5910B	9/16/2020
GBRA Regional Laboratory	Lab ID: <b>48</b> :		Approval Date: <b>6/5/2020</b> Phone Number: (830) 379-5822
Kylie Gudgell 933 East Court Street	Accreditation ID: T10	04704269	Fax Number: (830) 379-9718
Seguin, TX 78155	Analyte	Method	Valid Until
	Alkalinity	2320B	12/31/2020
	Chlorite	300.0	12/31/2020
	Phosphate	300.0	12/31/2020
	TOC	5310C	12/31/2020
	Turbidity	2130B	12/31/2020
International Water Quality Laboratory	Lab ID: <b>48134</b>		A   D .     0   0 = 10000
•			Approval Date: <b>2/25/2020</b> Phone Number: (915) 594-5444
Richard Wilcox 4100-L Delta Drive	Lab ID: 48: Accreditation ID: T10		Phone Number: (915) 594-5444 Fax Number:
Richard Wilcox 4100-L Delta Drive			Phone Number: (915) 594-5444
Richard Wilcox 4100-L Delta Drive	Accreditation ID: T10	04704365	Phone Number: (915) 594-5444 Fax Number:
Richard Wilcox 4100-L Delta Drive	Accreditation ID: T10  Analyte	04704365 Method	Phone Number: (915) 594-5444 Fax Number:  Valid Until
Richard Wilcox 4100-L Delta Drive	Accreditation ID: T10  Analyte  Alkalinity	04704365 Method 2320B	Phone Number: (915) 594-5444 Fax Number:  Valid Until 12/31/2020
Richard Wilcox 4100-L Delta Drive	Accreditation ID: T10  Analyte Alkalinity Calcium	Method 2320B 200.7	Phone Number: (915) 594-5444 Fax Number:  Valid Until 12/31/2020 12/31/2020
Richard Wilcox 4100-L Delta Drive	Analyte Alkalinity Calcium Chlorite	Method 2320B 200.7 300.1	Phone Number: (915) 594-5444 Fax Number:  Valid Until 12/31/2020 12/31/2020 12/31/2020
Richard Wilcox 4100-L Delta Drive	Analyte Alkalinity Calcium Chlorite Conductivity	Method 2320B 200.7 300.1 2510B	Phone Number: (915) 594-5444 Fax Number:  Valid Until 12/31/2020 12/31/2020 12/31/2020 12/31/2020
Richard Wilcox 4100-L Delta Drive	Analyte Alkalinity Calcium Chlorite Conductivity Free Chlorine	Method 2320B 200.7 300.1 2510B 4500CL-G	Phone Number: (915) 594-5444 Fax Number:  Valid Until 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020
Richard Wilcox 4100-L Delta Drive	Analyte Alkalinity Calcium Chlorite Conductivity Free Chlorine pH	Method 2320B 200.7 300.1 2510B 4500CL-G 4500H-B	Phone Number: (915) 594-5444 Fax Number:  Valid Until 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020
Richard Wilcox 4100-L Delta Drive	Analyte Alkalinity Calcium Chlorite Conductivity Free Chlorine pH Phosphate	Method 2320B 200.7 300.1 2510B 4500CL-G 4500H-B 300.1	Phone Number: (915) 594-5444 Fax Number:  Valid Until 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020
Richard Wilcox 4100-L Delta Drive El Paso, Texas 79905-4306	Analyte Alkalinity Calcium Chlorite Conductivity Free Chlorine pH Phosphate Silica	Method 2320B 200.7 300.1 2510B 4500CL-G 4500H-B 300.1 4500SI-F	Phone Number: (915) 594-5444 Fax Number:  Valid Until  12/31/2020  12/31/2020  12/31/2020  12/31/2020  12/31/2020  12/31/2020  12/31/2020  12/31/2020  12/31/2020
Richard Wilcox 4100-L Delta Drive	Analyte Alkalinity Calcium Chlorite Conductivity Free Chlorine pH Phosphate Silica Temperature	Method 2320B 200.7 300.1 2510B 4500CL-G 4500H-B 300.1 4500SI-F 2550	Phone Number: (915) 594-5444 Fax Number:  Valid Until  12/31/2020  12/31/2020  12/31/2020  12/31/2020  12/31/2020  12/31/2020  12/31/2020  12/31/2020  12/31/2020  12/31/2020  12/31/2020

Monday, August 3, 2020 Page 7 of 13

The following list of laboratories are approved by the TCEQ's Drinking Water Standards Division. The list indicates each approved drinking water analyte and method for each laboratory listed. For questions related to individual laboratory approval please call (512) 239-4691.

and method for each laboratory listed. For questions i			
LCRA - Environmental Laboratory Services  Dale Jurecka 3505 Montopolis Dr	Lab ID: <b>T10</b> Accreditation ID: <b>T10</b>		Approval Date: <b>6/15/2020</b> Phone Number: (512) 356-6022 Fax Number: (512) 356-6021
Austin, TX 78744	Analyte	Method	Valid Until
	Alkalinity	2320B	12/31/2020
	Calcium	200.7	12/31/2020
	Chlorite	300.0	12/31/2020
	рН	4500H-B	12/31/2020
	Phosphate	300.0	12/31/2020
	Silica	4500SIO2-C	12/31/2020
	Temperature	2550	12/31/2020
	TOC	5310C	12/31/2020
	Total Chlorine	4500CL-G	12/31/2020
	UV254	5910B	12/31/2020
North Water District Laboratory Services, I	nc. Lab ID: TX	204	Approval Date: 6/25/2020
Monica Martin	Accreditation ID: T10		Phone Number: (936) 321-6060 Fax Number: (936) 321-6061
8725 Fawn Trail	Accreditation ID: T10	)4704238	Fax Number: (936) 321-6061
	Accreditation ID: T10  Analyte	04704238 Method	Fax Number: (936) 321-6061  Valid Until
8725 Fawn Trail	Accreditation ID: T10  Analyte  Alkalinity	04704238 Method 2320B	Fax Number: (936) 321-6061  Valid Until 12/31/2020
8725 Fawn Trail	Accreditation ID: T10  Analyte Alkalinity Calcium	Method 2320B 200.7	Fax Number: (936) 321-6061  Valid Until 12/31/2020 12/31/2020
8725 Fawn Trail	Analyte Alkalinity Calcium Conductivity	Method 2320B 200.7 2510B	Fax Number: (936) 321-6061  Valid Until 12/31/2020 12/31/2020 12/31/2020
8725 Fawn Trail	Analyte Alkalinity Calcium Conductivity Free Chlorine	Method 2320B 200.7 2510B 4500CL-G	Fax Number: (936) 321-6061  Valid Until 12/31/2020 12/31/2020 12/31/2020 12/31/2020
8725 Fawn Trail	Analyte Alkalinity Calcium Conductivity Free Chlorine Hardness	Method 2320B 200.7 2510B 4500CL-G 2340B	Fax Number: (936) 321-6061  Valid Until 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020
8725 Fawn Trail	Analyte Alkalinity Calcium Conductivity Free Chlorine Hardness Orthophosphate	Method 2320B 200.7 2510B 4500CL-G 2340B 4500P-E	Fax Number: (936) 321-6061  Valid Until 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020
8725 Fawn Trail	Analyte Alkalinity Calcium Conductivity Free Chlorine Hardness Orthophosphate Orthophosphate	Method 2320B 200.7 2510B 4500CL-G 2340B 4500P-E 300.0	Fax Number: (936) 321-6061  Valid Until 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020
8725 Fawn Trail	Analyte Alkalinity Calcium Conductivity Free Chlorine Hardness Orthophosphate Orthophosphate pH	Method 2320B 200.7 2510B 4500CL-G 2340B 4500P-E 300.0 4500H-B	Fax Number: (936) 321-6061  Valid Until  12/31/2020  12/31/2020  12/31/2020  12/31/2020  12/31/2020  12/31/2020  12/31/2020  12/31/2020  12/31/2020
8725 Fawn Trail	Analyte Alkalinity Calcium Conductivity Free Chlorine Hardness Orthophosphate Orthophosphate pH Silica	Method 2320B 200.7 2510B 4500CL-G 2340B 4500P-E 300.0 4500H-B 200.7	Valid Until 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020
8725 Fawn Trail	Analyte Alkalinity Calcium Conductivity Free Chlorine Hardness Orthophosphate Orthophosphate pH Silica Temperature	Method 2320B 200.7 2510B 4500CL-G 2340B 4500P-E 300.0 4500H-B 200.7 2550	Valid Until 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020
8725 Fawn Trail	Analyte Alkalinity Calcium Conductivity Free Chlorine Hardness Orthophosphate Orthophosphate pH Silica Temperature TOC	Method 2320B 200.7 2510B 4500CL-G 2340B 4500P-E 300.0 4500H-B 200.7 2550 5310B	Fax Number: (936) 321-6061  Valid Until  12/31/2020  12/31/2020  12/31/2020  12/31/2020  12/31/2020  12/31/2020  12/31/2020  12/31/2020  12/31/2020  12/31/2020  12/31/2020  12/31/2020
8725 Fawn Trail	Analyte Alkalinity Calcium Conductivity Free Chlorine Hardness Orthophosphate Orthophosphate pH Silica Temperature	Method 2320B 200.7 2510B 4500CL-G 2340B 4500P-E 300.0 4500H-B 200.7 2550	Valid Until 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020 12/31/2020

Monday, August 3, 2020 Page 8 of 13

The following list of laboratories are approved by the TCEQ's Drinking Water Standards Division. The list indicates each approved drinking water analyte and method for each laboratory listed. For questions related to individual laboratory approval please call (512) 239-4691.

Pace Analytical Services, LLC - Ormond Bea Lynn Baylor 8 E Tower Circle	Lab ID: <b>TX2</b> Accreditation ID: T10		Approval Date: <b>7/28/2020</b> Phone Number: (386) 676-4803 Fax Number: (386) 673-4001
Ormond Beach, FL 32174	Analyte	Method	Valid Until
	Alkalinity	2320B	6/30/2021
	Calcium	200.7	6/30/2021
	Chlorine Dioxide	4500CLO2-D	6/30/2021
	Chlorite	300.1	6/30/2021
	Conductivity	2510B	6/30/2021
	Free Chlorine	4500CL-D	6/30/2021
	Hardness (CaCO3)	2340B	6/30/2021
	рН	4500H-B	6/30/2021
	Phosphate	300.0	6/30/2021
	Phosphate	365.1	6/30/2021
	Silica	200.7	6/30/2021
	TOC	5310B	6/30/2021
	Total Chlorine	4500CL-D	6/30/2021
	Turbidity	180.1	6/30/2021
	UV254	5910B	6/30/2021
R&C Joy, Inc Rhonda Scrogin 19020 W Little York Road	Lab ID: <b>TX0</b> Accreditation ID: T10		Approval Date: <b>7/9/2020</b> Phone Number: (281) 858-5988 Fax Number:
Katy, TX 77449-7243	Analyte	Method	Valid Until
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Free Chlorine	4500CL-G	6/30/2021
	pH	4500H-B	6/30/2021
	Temperature	2550	6/30/2021
	Total Chlorine	4500CL-G	6/30/2021
Dad Divar Authority of Toyor Environment		4300CL-G	
Red River Authority of Texas Environment Laboratory Jill Simpson 3000 Hammon Rd	Lab ID: <b>48160</b> Accreditation ID: T104704274		Approval Date: <b>5/20/2020</b> Phone Number: (940) 723-1717 Fax Number: (940) 723-6529
Wichita Falls, TX 76310	Analyte	Method	Valid Until
	рН	150.1	12/31/2020
	Temperature	2550	12/31/2020

Monday, August 3, 2020 Page 9 of 13

The following list of laboratories are approved by the TCEQ's Drinking Water Standards Division. The list indicates each approved drinking water analyte and method for each laboratory listed. For questions related to individual laboratory approval please call (512) 239-4691.

and method for each laboratory listed. For questions	related to individual laborato	ory approval please	call (512) 239-4691.
Pollie Holtham 1895 I-P Way	Lab ID: <b>48</b> Accreditation ID: <b>T1</b>		Approval Date: <b>2/25/2020</b> Phone Number: (409) 746-3284 Fax Number: (409) 746-3780
Orange, Texas 77632	Analyte	Method	Valid Until
	Alkalinity	2320B	12/31/2020
	Conductivity	2510B	12/31/2020
	Free Chlorine	4500CL-F	12/31/2020
	рН	4500H-B	12/31/2020
	Phosphate	300.0	12/31/2020
	Temperature	2550	12/31/2020
	TOC	5310C	12/31/2020
	Total Chlorine	4500CL-F	12/31/2020
			12/31/2020
Control Trail of the U.S.	Turbidity	2130B	
San Antonio Testing Laboratory, LLC  Marcela Hawk 1610 S Laredo Street	Lab ID: <b>TX</b> Accreditation ID: <b>T1</b>		Approval Date: <b>6/8/2020</b> Phone Number: (210) 229-9920 Fax Number: (210) 229-9920
San Antonio, TX 78207-7029	Analyte	Method	Valid Until
	Alkalinity	2320B	12/31/2020
	Calcium	200.7	12/31/2020
	Conductivity	2510B	12/31/2020
	Hardness	2340B	12/31/2020
	рН	4500H-B	12/31/2020
	Phosphate	300.0	12/31/2020
	Silica	200.7	12/31/2020
	Temperature	2550	12/31/2020
SGS North America Inc Wheat Ridge  Kaprie Surprenant 4036 Youngfield St	Lab ID: <b>T1</b> Accreditation ID: <b>T1</b>	04704511	Approval Date: <b>3/12/2020</b> Phone Number: (303) 425-6021 Fax Number: (303) 425-6854
Wheat Ridge, Colorado 80033	Analyte	Method	Valid Until
	Alkalinity	2320B	1/31/2021
	Calcium	200.7	1/31/2021
	Conductivity	2510B	1/31/2021
	Hardness	2340B	1/31/2021
	рН	150.1	1/31/2021
	Phosphate	300.0	1/31/2021
	TOC	5310C	1/31/2021
	Turbidity	2130B	1/31/2021
	UV254	5910B	1/31/2021

Monday, August 3, 2020 Page 10 of 13

The following list of laboratories are approved by the TCEQ's Drinking Water Standards Division. The list indicates each approved drinking water analyte and method for each laboratory listed. For questions related to individual laboratory approval please call (512) 239-4691.

and method for each laboratory listed. For questions	s related to individual laborato	ry approval please c	all (512) 239-4691.
Andrea Teal 5102 LaRoche Avenue	Lab ID: <b>T1(</b> Accreditation ID: T1(		Approval Date: <b>7/7/2020</b> Phone Number: 912-250-0288 Fax Number: (912) 352-0165
Savannah, GA 31404	Analyte	Method	Valid Until
	Alkalinity	2320B	6/30/2021
	Calcium	200.7	6/30/2021
	Chlorite	300.1	6/30/2021
	Conductivity	2510B	6/30/2021
	Hardness	2340B	6/30/2021
	Orthophosphate	365.1	6/30/2021
	рН	4500H-B	6/30/2021
	Silica	200.7	6/30/2021
	TOC	5310B	6/30/2021
	Turbidity	2130B	6/30/2021
	UV254	5910B	6/30/2021
Texas Department of State Health Service Carl Hogberg	es Lab ID: <b>T10</b> Accreditation ID: T10		Approval Date: <b>6/29/2020</b> Phone Number: (512) 776-3368 Fax Number: (512) 776-7294
1100 W 49 St, MC 1947, PO Box 149347 Austin, Texas 78714-9347	Analyte	Method	Valid Until
	Alkalinity	2320B	12/31/2020
	Calcium	200.7	12/31/2020
	Conductivity	2510B	12/31/2020
	Phosphate	300.0	12/31/2020
	Silica	4500SI02-E	12/31/2020
Trinity River Authority Central Regional L Craig Harvey 6500 Singleton Boulevard	Lab ID: 483 Accreditation ID: T10		Approval Date: <b>7/7/2020</b> Phone Number: (972) 263-2251 Fax Number:
Dallas, TX 75212	Analyte	Method	Valid Until
	Alkalinity	2320B	12/31/2020
	Conductivity	2510B	12/31/2020
	TOC	5310C	12/31/2020
	UV254	5910B	12/31/2020
Upper Guadalupe River Authority  Nicole Shepherd 125 Lehmann Suite 100	Lab ID: <b>48:</b> Accreditation ID: T10		Approval Date: <b>4/1/2020</b> Phone Number: (830) 896-5445 Fax Number: (830) 257-2621
Kerrville, TX 78028	Analyte	Method	Valid Until
	Conductivity	2510B	12/31/2020
	Phosphate	300.0	12/31/2020
			,,

Monday, August 3, 2020 Page 11 of 13

The following list of laboratories are approved by the TCEO's Drinking Water Standards Division. The list indicates each approved drinking water analyte and method for each laboratory listed. For questions related to individual laboratory approval please call (512) 239-4691.

and method for each laboratory listed. For questions r	related to individual laborato	ry approval please ca	all (512) 239-4691.	,
Waco Regional Water Quality Laboratory  Steve Junot P.O. Box 2570	Lab ID: 48 Accreditation ID: T10		Approval Date: <b>5/26/</b> Phone Number: (254) Fax Number: (254)	750-1664
Waco, TX 76702-2570	Analyte	Method	Valid Until	
	Alkalinity	2320B	12/31/2020	
	Calcium	D6919-09	12/31/2020	
	Free Chlorine	4500CL-G	12/31/2020	
	рН	4500H-B	12/31/2020	
	Phosphate	300.0	12/31/2020	
	Temperature	2550	12/31/2020	
	TOC	5310C	12/31/2020	
	Total Chlorine	4500CL-G	12/31/2020	
	Turbidity	2130B	12/31/2020	
	UV254	5910B	12/31/2020	
Wallgren Environmental Services Inc. dba Pollution Control Services	Lab ID: TX		Approval Date: <b>7/1/2</b> Phone Number: (210)	
Chuck Wallgren 1532 Universal City Blvd., Ste 100	Accreditation ID: T10	04704361	Fax Number: (210)	
Universal City, TX 78148	Analyte	Method	Valid Until	
	Alkalinity	2320B	12/31/2020	
	Calcium	200.7	12/31/2020	
	Chlorite	300.0	12/31/2020	
	Conductivity	2510B	12/31/2020	
	Hardness	2340B	12/31/2020	
	рН	4500H-B	12/31/2020	
	Phosphate	300.0	12/31/2020	
	Phosphate	4500P-E	12/31/2020	
	Silica	200.7	12/31/2020	
	Temperature	2550	12/31/2020	
	TOC	5310C	12/31/2020	
	Turbidity	180.1	12/31/2020	
	UV254	5910B	12/31/2020	
Water Utility Services, Inc. Steve Grychka	Lab ID: <b>TX</b> Accreditation ID: <b>T1</b>		Approval Date: <b>6/9/2</b> Phone Number: (281) Fax Number:	
21615 Rhodes Road				
Spring, TX 77388-3026	Analyte	Method	Valid Until	
	Free Chlorine	4500CL-G	12/31/2020	
	рН	150.1	12/31/2020	
	Temperature	2550	12/31/2020	
	Total Chlorine	4500CL-G	12/31/2020	

Monday, August 3, 2020 Page 12 of 13

The following list of laboratories are approved by the TCEQ's Drinking Water Standards Division. The list indicates each approved drinking water analyte and method for each laboratory listed. For questions related to individual laboratory approval please call (512) 239-4691.

Xenco Laboratories  Tanya Harrington 4147 Green Briar Drive	Lab ID: <b>T104704215</b> Accreditation ID: T104704215		Approval Date: <b>7/6/2020</b> Phone Number: (281) 240-4200 Fax Number: (281) 240-4280
Stafford, TX 77477	Analyte	Method	Valid Until
	Alkalinity	2320B	12/31/2020
	Calcium	200.7	12/31/2020
	Chlorite	300.0	12/31/2020
	Conductivity	2510B	12/31/2020
	Hardness	2340B	12/31/2020
	Orthophosphate	300.0	12/31/2020
	Orthophosphate	365.1	12/31/2020
	Silica	200.7	12/31/2020
	Turbidity	2130B	12/31/2020

Monday, August 3, 2020 Page 13 of 13