Phase II (Small) MS4 Annual Report Form

TPDES General Permit Number TXR040000

A. General Information

Authorization Number: TXR040457

Reporting Year (year will be either 1, 2, 3, 4, or 5): Year 6

Annual Reporting Year Option Selected by MS4:

Calendar Year: X

Permit Year:_____

Fiscal Year: _____ Last day of fiscal year: (_____)

Reporting period beginning date: (month/date/year) 01/01/2024

Reporting period end date: (month/date/year) 12/31/2024

MS4 Operator Level: Level 2 Name of MS4: Hurst Creek Municipal Utility District

Contact Name: Earl Wood Telephone Number: (512) 261-6281

Mailing Address: 102 Trophy Drive, The Hills, Texas 78738

E-mail Address: earlwood@hurstcreekmud.org

A copy of the annual report was submitted to the TCEQ Region: YES X NO_

Region the annual report was submitted to: TCEQ Region: 11

B. Status of Compliance with the MS4 GP and SWMP

1. Provide information on the status of complying with permit conditions: (TXR040000 Part IV.B.2)

	Yes	No	Explain
Permittee is currently in compliance with the SWMP as submitted to and approved by the TCEQ.	X		
Permittee is currently in compliance with recordkeeping and reporting requirements.	X		

Permittee meets the eligibility requirements of the permit (e.g., TMDL requirements, Edwards Aquifer limitations, compliance history, etc.).	X		
Permittee conducted an annual review of its SWMP in conjunction with preparation of the annual report	X		

2. Provide a general assessment of the appropriateness of the selected BMPs. You may use the table below to meet this requirement (**see Example 1 in instructions**):

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
1	Coordinate hazardous waste disposal and/or recycling with residents and receiving facility.	Yes. Coordinating with other local organizations for hazardous waste disposal for residents minimizes illicit discharges.
2	Complete screening of 100% of the Stormwater outfalls that discharge to the MS4 in accordance with the identified schedule.	Yes. Inspecting existing labeled storm drains for damaged and/or missing medallions will ensure any necessary repairs are made to provide information to reduce stormwater pollutants. The implementation of a systematic outfall screening schedule of the MS4 system will assist in detecting illicit discharges and the reduction of stormwater pollutants.
2	Conduct periodic interagency meetings as necessary to maintain collaboration regarding the elimination of illicit discharges.	Yes. The District's ongoing coordination with other entities, including the Village of The Hills, City of Lakeway, Travis County WCID 17, and Lakeway MUD, ensures that these entities continue to work together to prevent illicit discharges.

4	Review, update, and disseminate the education materials through newsletters, electronic mail, or the District website to residents and local businesses encouraging measures to reduce post-construction site runoff and minimize the impacts of new development/redevelopment.	Yes. Providing educational materials, though newsletters, electronic or direct mail, and the District website to residents and local businesses will ensure that the public and business community is aware of available measures to reduce post-construction site runoff and minimize the impacts of new development/redevelopment within the MS4 system.
5	Catch Basin Cleaning.	Yes. Performing routine catch basin cleaning will reduce sediment and floatable material discharges.

3. Describe progress towards achieving the goal of reducing the discharge of pollutants to the MEP. If no progress was made or the BMP did not result in a reduction in pollutants, provide an explanation. Use the table below to meet this requirement (**see Example 2 in instructions**):

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
1	Coordinate hazardous waste disposal and/or recycling with residents and receiving facility.	Two Household Hazardous Waste Collection Events were held with our partners in 2024.	2	Collection Events	No, but by coordinating hazardous waste disposal events incorporates public involvement to reduce the contamination of stormwater.

2	Complete screening of 100% of the Stormwater outfalls that discharge to the MS4 in accordance with the identified schedule.	Perform screenings of Stormwater outfalls that discharge to the MS4.	1	Screening	No, but completing screenings of Stormwater outfalls that discharge to the MS4 allows the District to identify and eliminate any illicit discharges.
2	Conduct periodic interagency meetings as necessary to maintain collaboration regarding the elimination of illicit discharges.	Periodic interagency meetings.	2	Meetings	No, but conducting periodic meetings and joint collection events promotes collaboration between entities to report and prevent illicit discharges.
4	Review, update, and disseminate the education materials through newsletters, electronic mail, or the District website to residents and local businesses encouraging measures to reduce post-construction site runoff and minimize the impacts of new development/ redevelopment.	Educational materials.	1	Brochure/ Consumer Confidence Report	No, but providing the public with MS4 reference material will assist in the efforts to ensure the reduction of stormwater pollutants.

5	Catch Basin Cleaning	Perform routine catch basin cleaning.	1	Catch Basin Cleaning	Yes, by cleaning catch basins on a routine basis it will reduce the amount of sediment and floatable materials that are potentially discharged into the stormwater system.

4. Provide the measurable goals for each of the MCMs, and an evaluation of the success of the implementation of the measurable goals (**see Example 3 in instructions):**

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
1	Provide annual report to the MS4 Stormwater Committee on the number of residents served by recycling events and amount of materials recovered.	Goal met. Joint Household Hazardous Waste Collection Events were held on 3/27/2024 and 10/16/2024. A total of 105 Hurst Creek MUD Customers were served. See Attachment A.
2	Complete screening of 100% of the Stormwater outfalls that discharge to the MS4 in accordance with the identified schedule.	Goal met. The Committee has divided the District into four (4) parts and conducts inspections annually. The inspection schedule is attached as Attachment B.
2	Conduct periodic interagency meetings as necessary to maintain collaboration regarding the elimination of illicit discharges.	Goal met. The District conducted periodic meetings with other entities to maintain collaboration regarding the reduction of illicit discharges. Meetings were held remotely with our Lake Travis Recycle and Reuse Partners on February 9 and September 17, 2024. Partners include City of Lakeway, Lakeway MUD, Travis County WCID 17, Village of The Hills, City of Bee Cave, and Hurst Creek MUD. See Attachment C.

4	Review, update, and disseminate the education materials through newsletters, electronic mail, or the District website, to residents and local businesses encouraging measures to reduce post-construction site runoff and minimize the impacts of new development/redevelopment.	Goal met. The District has provided educational materials to residents and local business by mailing an educational brochure/consumer confidence report to residents and all customers, as well as posting to the District's website and having it accessible in the District's office. See Attachment D.
5	Create and implement written procedures of the District catch basin cleaning program to include a schedule for cleaning inlet structures, catch basins, and manholes.	Goal met. The District inspected and cleaned a catch basin that contained sediment and floatable materials on 12/13/2024. See Attachment E.

C. Stormwater Data Summary

Provide a summary of all information used, including any lab results (if sampling was conducted) to assess the success of the SWMP at reducing the discharge of pollutants to the MEP. For example, did the MS4 conduct visual inspections, clean the inlets, look for illicit discharge, clean streets, look for flow during dry weather, etc.?

District Staff conducted visual observations of all outfalls within the District during routine service within the MS4. No illicit discharges were discovered during these screenings as the outfalls and drainage system of the District are wet-weather facilities. No notable flows during dry weather were observed in outfalls, and inlets are routinely screened for removal of litter and any other potential stormwater pollutants.

D. Impaired Waterbodies

1. Identify whether an impaired water within the permitted area was added to the latest EPA-approved 303(d) list or the Texas Integrated Report of Surface Water Quality for CWA Sections 305(b) and 303(d). List any newly-identified impaired waters below by including the name of the water body and the cause of impairment.

   N/A

2. If applicable, explain below any activities taken to address the discharge to impaired waterbodies, including any sampling results and a summary of the small MS4's BMPs used to address the pollutant of concern.

   N/A

3. Describe the implementation of targeted controls if the small MS4 discharges to an impaired water body with an approved TMDL.

   N/A

4. Report the benchmark identified by the MS4 and assessment activities:

Benchmark Parameter ***(Ex: Total Suspended Solids)***	**Benchmark Value**	**Description of additional sampling or other assessment activities**	**Year(s) conducted**
N/A	N/A	N/A	N/A

5. Provide an analysis of how the selected BMPs will be effective in contributing to achieving the benchmark:

Benchmark Parameter	**Selected BMP**	**Contribution to achieving Benchmark**
N/A	N/A	N/A

6. If applicable, report on focused BMPs to address impairment for bacteria:

Description of bacteria-focused BMP	Comments/Discussion
N/A	N/A

7. Assess the progress to determine BMP's effectiveness in achieving the benchmark.

   For example, the MS4 may use the following benchmark indicators:

   - number of sources identified or eliminated;
   - number of illegal dumpings;
   - increase in illegal dumping reported;
   - number of educational opportunities conducted;
   - reductions in sanitary sewer flows (SSOs); /or
   - increase in illegal discharge detection through dry screening.

Benchmark Indicator	Description/Comments
N/A	N/A

E. Stormwater Activities

Describe activities planned for the next reporting year:

The District has submitted and is waiting on the NOI to be reviewed and approved for the new permit. Year "7" goals will either be a continuation of the 2019 permit or a combined effort with the new permit requirements.

F. SWMP Modifications

1. The SWMP and MCM implementation procedures are reviewed each year.

   _X_ Yes ___ No

2. Changes have been made or are proposed to the SWMP since the NOI or the last annual report, including changes in response to TCEQ's review.

   ___ Yes _X_ No

If "Yes," report on changes made to measurable goals and BMPs:

No changes have been made to "current and active" SWMP. However, whenever the NOI for the new permit is approved, the new SWMP will be implemented.

Note: If changes include additions or substitutions of BMPs, include a written analysis explaining why the original BMP is ineffective or not feasible, and why the replacement BMP is expected to achieve the goals of the original BMP.

3. Explain additional changes or proposed changes not previously mentioned (i.e. dates, contacts, procedures, annexation of land, etc.).

G. Additional BMPs for TMDLs and I-Plans

Provide a description and schedule for implementation of additional BMPs that may be necessary, based on monitoring results, to ensure compliance with applicable TMDLs and implementation plans.

BMP	Description	Implementation Schedule (start date, etc.)	Status/Completion Date (completed, in progress, not started)
N/A	N/A	N/A	N/A

H. Additional Information

1. Is the permittee relying on another entity to satisfy any permit obligations?

   ___ Yes _X_ No

   If "Yes," provide the name(s) of other entities and an explanation of their responsibilities (add more spaces or pages if needed).

Name and Explanation:

Name and Explanation:

Name and Explanation:

Name and Explanation:

2.a. Is the permittee part of a group sharing a SWMP with other entities?

___ Yes _X_ No

2.b. If "yes," is this a system-wide annual report including information for all permittees?

___ Yes ___ No

If "Yes," list all associated authorization numbers, permittee names, and SWMP responsibilities of each member (add additional spaces or pages if needed):

Authorization Number: _____ Permittee:_____

Authorization Number: _____ Permittee: _____

Authorization Number: _____ Permittee: _____

Authorization Number: _____ Permittee: _____

I. Construction Activities

1. The number of construction activities that occurred in the jurisdictional area of the MS4 (Large and Small Site Notices submitted by construction site operators):

0

2a. Does the permittee utilize the optional seventh MCM related to construction?

___ Yes _X_ No

2b. If "yes," then provide the following information for this permit year:

The number of municipal construction activities authorized under this general permit	
The total number of acres disturbed for municipal construction projects	**N/A**

Note: *Though the seventh MCM is optional, implementation must be requested on the NOI or on a NOC and approved by the TCEQ.*

J. Certification

If this is this a system-wide annual report including information for all permittees, each permittee shall sign and certify the annual report in accordance with 30 TAC §305.128 (relating to Signatories to Reports).

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 gathered and evaluated 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 that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name (printed): Earl Wood Title: General Manager

Signature: _____ Date: 3-27-2025

Name of MS4 Hurst Creek Municipal Utility District

If you have questions on how to fill out this form or about the Stormwater Permitting program, please contact us at 512-239-4671.

Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, contact us at 512-239-3282.

Attachment

A

LAKE TRAVIS
REGIONAL REUSE & RECYCLING CENTER

3207 Neidhardt Dr., Austin, TX 78734

We are pleased to announce our next Household Hazardous Waste Day

Wednesday, October 16, 2024
9:30 a.m. – 12:30 p.m.

Lake Travis Regional Reuse & Recycling Center
3207 Neidhardt Dr., Lakeway, TX 78734

FREE drop off for WCID 17, Hurst Creek MUD, and Lakeway MUD customers, and City of Bee Cave, Lakeway and the Hills residents. Please see the list below of acceptable items. **Reservations are required.** Please set up your drop off time by clicking this link:

Household Hazardous Waste Drop Off Event

If you aren't able to use the SignUp Genius link above, please call Lakeway Solid Waste at (512)314-7514 or email solidwasteclerk@lakeway-tx.gov for assistance. We will only be able to accept items in their original labeled containers, so we can dispose of them properly. The maximum amount of paint per household that we can accept is a total of 30-gallon containers.

WHAT TO BRING

- Residential Household Products **Only**

HOUSEHOLD ITEMS

- Batteries
- Cleaning Products
- Degreasers
- Drain Cleaners
- Gas Grill Propane Tanks (no other size)
- Mercury Thermometers
- Oven Cleaning Solvents
- Polishers
- Pool Chemicals

PAINT PRODUCTS

- Aerosol Cans
- Latex and Oil Based Paints
- Preservatives
- Strippers and Thinners

AUTOMOTIVE PRODUCTS

- Anti-Freeze
- Vehicle Batteries
- Brake and Transmission Fluid
- Gasoline
- Oil and Oil Filters

YARD PRODUCTS

- Herbicides and Pesticides
- Pet Products

WHAT NOT TO BRING

- **Lightbulbs, including fluorescents**
- **Asbestos products**
- **Medical waste (needles, syringes, prescription drugs, etc.)**
- **Explosive material (ammunition, dynamite, fireworks, flares)**
- **Tires**
- **Appliances**
- **Electronics**

For questions or assistance, please contact your City of Lakeway Solid Waste Team at: **512-314-7514** solidwasteclerk@lakeway-tx.gov

LAKE TRAVIS
REGIONAL REUSE & RECYCLING CENTER

3207 Neidhardt Dr., Austin, TX 78734

We are pleased to announce our next Household Hazardous Waste Day

Wednesday, March 27, 2024
9:30 a.m. – 12:30 p.m.

Lake Travis Regional Reuse & Recycling Center
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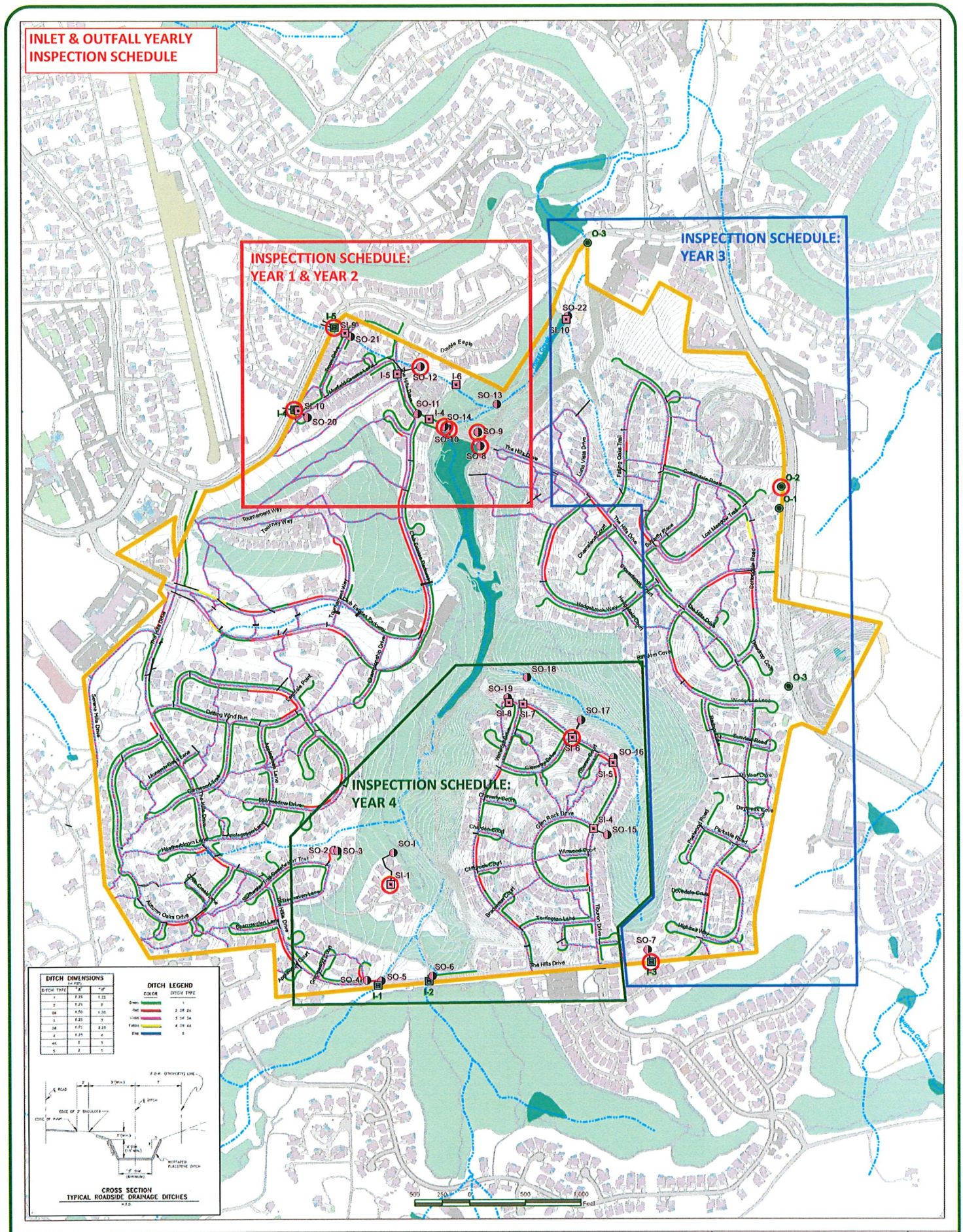
For questions or assistance, please contact your City of Lakeway Solid Waste Team at: **512-314-7514** solidwasteclerk@lakeway-tx.gov

HHW Stats																														
	9/15/15	12/15/15	3/16/16	6/16/16	9/16/16	12/16/16	3/17/17	6/17/17	9/17/17	12/9/17	3/21/18	6/6/18	10/3/18	1/23/19	3/6/19	5/4/19	9/4/19	2/12/20	6/10/21	10/27/21	3/30/22	5/18/22	10/26/22	4/26/23	9/27/23	3/27/24	10/16/24	3/19/25	Totals:
WCID 17 Steiner Ranch	3		61	106	32	10	4	10	33	21	9			33	5	24	66	14	8										439
Apache Shores	2		24	9	15	2	8	17	11	6	3			2	4	10	24	7	15										159
Hudson Bend	3		21	18	23	11	5	6	26	13	15			5	4	3	19	7	33										212
Wf. Comanche				3										1				0	0										4
Other		14	65	13	22	3	11	34	9	2	6			6	1	3	6	9	0										204
Lakeway	12	6	39	39	11	8	17		26	10	26			34	8	33	38	50	103										460
Bee Cave		2	3	6	6	2			1	0	2			7	2	2	2	6	0										41
TOTAL WCID 17	20	22	213	194	109	36	45	67	106	52	61	0	0	88	24	75	155	93	159	46	55	41	61			101	125	100	2048
Bee Cave/WTCPUA	1	2	4	25	7	2	5	11	10	5	7			9	2	1	6	2	13	4	4	2	0			13	20	7	162
Lakeway/Lakeway MUD	50	62	88	98	79	54	122	91	75	77	105			94	55	78	105	116	156	86	107	91	113			158	174	140	2374
The Hills/Hurst Ck MUD	40	9	11	14	28	37	22	22	14	16	16			11	6	23	20	32	38	15	21	35	34			46	59	46	615
Crossroads MUD #11, 12, 13	1	1				4	3		4	3	4			5	3	4	7	11	27	20	22	10	17			28	32	26	232
Out of Jurisdiction			4	2	4		3	3	2	1	2			1			2		0										24
Totals:	112	96	320	333	227	133	200	194	211	154	195			208	90	181	295	254	393	171	209	179	225	248	401	346	410	319	5455

Attachment
B

TYPE	NAME	INSPECTED	LOCATION	DESCRIPTION	CONDITION
Outfall	O-2	12/13/2023	1 & 2 Lost Meadow Drainage conveyance outfall to City of Lakeway	Grass lined swale conveying runoff to four (4) 6'x2' fence openings in the The Hills community wall	Good, some leaves
Outfall	O-1	12/13/2023	40 & 42 Cottondale Drainage Conveyance to City of Lakeway Storm Sewer	4'x4' concrete box inlet with manhole lid at the downstream end of a 5' wide rock lined channel	Cleaned some leaves, grass buildup, and small branches around drainage box
System Outfall	SO-5	11/29/2023	Hills Drive & Dashwood Drainage conveyance to Hurst Creek Outfall (Upper Hurst Creek)	4 spans that are 5' in height and 13' in width, top mounted hinged bars on DS side	Needs button. Graffitti on concrete, 1 hinge gate broken, some debris buildup mainly rocks and silt
System Outfall	SO-4	11/29/2023	Hills Drive and Dashwood Cross street culvert drainage conveyance to Hurst Creek outfall	18" CMP outfalling onto 4.5' rock lined channel that conveys directly into Hurst Creek	Ditch contains minor amount of leaves, Culvert clear and functional. Good Condition.
Inlet	I-5	12/13/2023	Drainage easment along LCRA Power Line Easment Hayden Ridge Cross Street Culvert	72" squashed CMP under The Hills Drive	Good, clear, some leaves
System Outfall	SO-23	12/8/2021	LCRA Power Line Easement Hayden Ridge Cross Street Culvert Drainage Outfall	72" squashed CMP outfall	Good and clear
System Outfall	SO-1	11/29/2023	Stormwater Collection Outfall at Tree Haven Court (The Enclave)	24" CMP outfall that has bars accross it	Needs button. Outfall is nice and clean and in good condition. No debris.
System Inlet	SI-1	12/8/2021	Stormwater collection Point at Tree Haven Court (The Enclave)	3'x3' drop box inlet with steel grate	Good and clear
System Outfall	SO-8	12/8/2021	The Hills Drive South Side Drainage Conveyance	4' wide rock lined channel that dumps into Hurst Creek	Good Condition, some leaves
System Outfall	SO-9	12/8/2021	The Hills Drive North Side Drainage Conveyance	Rock and concrete lined channel 6'-8' wide that dumps into Hurst Creek	Good Condition, some leaves
Inlet	I-6	12/8/2021	West Eagle and Birdie	12" CMP running under fairway	Good Condition, some leaves and small tree limbs. Referred to Hills GC for cleaning.
System Outfall	SO-10	12/8/2021	Hurst Creek Bridge Hills Drive Spill Way	Eight (8) 10'x5' span bridge crossing over Hurst Creek on The Hills Drive.	Clear, some algae and floatables (leaves)
System Outfall	SO-24	12/8/2021	Intersection of Club Estates Parkway and The Hills Dr North Side Drainage Conveyance Outfall Hurst Creek Bridge	15" CMP outfalling into western span in bridge on Tbe Hills Drive	good, some leaves
Inlet	I-4	12/8/2021	Intersection of Club Estates Parkway and The Hills Dr North Side Drainage Conveyance	15" CMP inlet into western span in bridge on Tbe Hills Drive	good, some leaves
Outfall	O-3	9/23/2021	53 Wingreen Loop Conveyance to the City of Lakeway	Grass lined swale conveying runoff to four (2) 6'x2' fence openings in the The Hills community wall	Removed accumulated leaves from drainage grates
Inlet	I-3	12/16/2021	The Hills Drive -	40" squash culvert pipe with rock lined headwall in roadline ditch, cross street culvert under The Hills Drive	good, leaves
Inlet	I-2	9/15/2022	The Hills Drive - unnamed segment	4 spans that are 5' in height and 9' in width	Minor algae build-up, some floatables, some driftwood.
Inlet	I-1	11/29/2023	The Hills Drive - Hurst Creek	4 spans that are 5' in height and 13' in width	Some brush and tree debris caught on cross bracing. One small piece of styroafoam (removed). Good.
Inlet	SI-10	12/13/2021	Culvert Pipe that runs underneath of small concrete creek crossing by Golf Course Maint. Barn (Upstream side)	12" CMP under Creek Crossing	Clear, Minor amount of floatables, mainly leaves.
System Outfall	SO-6	11/29/2023	The Hills Drive - unnamed segment	4 spans that are 5' in height and 9' in width, top mounted hinged bars on DS side	Leaf & Brush buildup. Nothing major. Some minor trash (cans and plastic). Will have Operators cleanup. Needs button.
System Outfall	SO-2	11/29/2023	Treehaven Lane	24" CMP that outfalls to 2' wide rock lined channel before sheetflowing into creek segment	Need to remove some minor overgrowth. Some leaves. Overall good condition.
System Outfall	SO-3	11/29/2023	Treehaven Lane	18" CMP under driveway, sheet flows into creek	Good condition. Some minor buildup. Might need to help daylight culvert a little better. Will monitor.
System Outfall	SO-7	9/27/2021	Noth side of The Hills drive in a small cul-de-sac between Tiburon Drive and Hightrail Way	40" squash culvert pipe with rock lined headwall in roadline ditch, cross street culvert under The Hills Drive	Small amount of sediment. Grass swale after is clear and free of any debris
System Outfall	SO-11	11/10/2022	Intersection of Club Estates Parkway and The Hills Dr North Side Drainage Conveyance	15" CMP outfalling into western span in bridge on Tbe Hills Drive	Good Condition, minor silt build-up, free of debris
System Outfall	SO-13	12/8/2021	Hurst Creek	12" CMP outfalling into Hurst Creek	Golf Course. Culvert is in good condition. Minor buildup. Golf Course handles the maintenance.
System Outfall	SO-22	12/13/2021	Culvert Pipe that runs underneath of small concrete creek crossing by Golf Course Maint. Barn (Downstream side)	12" CMP under Creek Crossing	Needs Medallion

LEGEND	
	Year 1 & 2
	Year 3
	Year 4
	Year 5
	Year 6


INLET & OUTFALL YEARLY INSPECTION SCHEDULE
INSPECTTION SCHEDULE: YEAR 1 & YEAR 2
INSPECTTION SCHEDULE: YEAR 3
INSPECTTION SCHEDULE: YEAR 4
DITCH DIMENSIONS
DITCH LEGEND
CROSS SECTION TYPICAL ROADSIDE DRAINAGE DITCHES
Legend - 1" = 500'
Stormwater Structure
Stormwater Structure Inspected 12/8/2020
Inlet
Outfall
System Inlet
System Outfall
Culverts 2004
Type 1 Ditch
Type 2 Ditch
Type 3 Ditch
Type 4 Ditch
Type 5 Ditch
NHDFLOWLINE
Hurst Creek MUD
Drainage Study Areas
STEGER BIZZELL
MS4 Storm Drainage Features - Inlet & Outlet Structures

Attachment C

Kurt Pendleton

From: Lisa Schlageter <LisaSchlageter@lakeway-tx.gov>
Sent: Friday, February 2, 2024 1:52 PM
To: DeanHuard; Kurt Pendleton; Anna H. Jensen; Joseph Kunz (jkunz@wcid17.org); Earl Foster
Subject: RE: HHW Bids
Attachments: EVALUATION COMM FORM.pdf

Also, the information on the bids is confidential. Please complete the attached form and return to me.

Thanks and have a good weekend!

Lisa Schlageter
Account Supervisor, Solid Waste
City of Lakeway
1102 Lohmans Crossing Rd.
Lakeway, TX 78734
T: (512) 314-7523
Email: LisaSchlageter@lakeway-tx.gov

Lakeway TEXAS™

From: Dean Huard <DeanHuard@thehillstx.gov>
Sent: Friday, February 2, 2024 1:13 PM
To: Kurt Pendleton <kurtpendleton@hurstcreekmud.org>; Anna H. Jensen <AJensen@beecavetexas.gov>; Lisa Schlageter <LisaSchlageter@lakeway-tx.gov>; Joseph Kunz (jkunz@wcid17.org) <jkunz@wcid17.org>; efoster <efoster@lakewaymud.org>
Subject: RE: HHW Bids

Yes, concur on the 9th as well.

Dean

Dean A. Huard
City Manager, The Hills
102 Trophy Drive
The Hills, TX 78738
512 261 6281
254 314 7180
Website: www.thehillstx.gov
Facebook: https://www.facebook.com/TheHillsCityGovt
Linked In: https://www.linkedin.com/company/90626246/admin/feed/posts/

From: Kurt Pendleton <kurtpendleton@hurstcreekmud.org>
Sent: Friday, February 2, 2024 1:04 PM
To: Anna H. Jensen <AJensen@beecavetexas.gov>; Lisa Schlageter <LisaSchlageter@lakeway-tx.gov>; Joseph Kunz (jkunz@wcid17.org) <jkunz@wcid17.org>; Earl Foster <efoster@lakewaymud.org>; Dean Huard <DeanHuard@thehillstx.gov>
Subject: RE: HHW Bids

I am free to meet anytime on Friday afternoon.

Thanks,

Kurt Pendleton
Assistant G.M. of Operations
512-261-6281 (Office)
512-262-8677 (Cell)

Kurt Pendleton

From: Lisa Schlageter <LisaSchlageter@lakeway-tx.gov>
Sent: Tuesday, September 17, 2024 3:50 PM
To: Kurt Pendleton; Anna H. Jensen (AJensen@beecavetexas.gov); Earl Foster; Earl Wood; Elvira Bibb; Joseph Kunz (jkunz@wcid17.org); Roger Fry (rfry@lakewaymud.org); City Secretary
Cc: Dale Delong
Subject: RE: Proposed HHW Date - Wednesday, October 16, 2024

Thank you for your responses and it sounds like Wednesday, October 16 will work for everyone.

Please put it on your calendars and I'll send out the flyer soon!

Thanks,

Lisa Schlageter
Account Supervisor, Solid Waste
City of Lakeway
1102 Lohmans Crossing Rd.
Lakeway, TX 78734
T: (512) 314-7523
Email: LisaSchlageter@lakeway-tx.gov

From: Kurt Pendleton <kurtpendleton@hurstcreekmud.org>
Sent: Tuesday, September 17, 2024 12:16 PM
To: Lisa Schlageter <LisaSchlageter@lakeway-tx.gov>; Anna H. Jensen (AJensen@beecavetexas.gov) <AJensen@beecavetexas.gov>; Dean Huard <DeanHuard@thehillstx.gov>; efoster <efoster@lakewaymud.org>; Earl Wood <earlwood@hurstcreekmud.org>; Elvira Bibb <ebibb@wcid17.org>; Joseph Kunz (jkunz@wcid17.org) <jkunz@wcid17.org>; Roger Fry (rfry@lakewaymud.org) <rfry@lakewaymud.org>
Cc: Dale Delong <DaleDelong@lakeway-tx.gov>
Subject: RE: Proposed HHW Date - Wednesday, October 16, 2024

That will work for Hurst Creek MUD as well. As of right now, we can send 1-2 guys to help out.

Thanks,

Kurt Pendleton
Assistant G.M. of Operations
512-261-6281 (Office)
512-262-8677 (Cell)

Kurt Pendleton

From: Lisa Schlageter <LisaSchlageter@lakeway-tx.gov>
Sent: Tuesday, September 17, 2024 11:44 AM
To: Anna H. Jensen (AJensen@beecavetexas.gov); Dean Huard; Earl Foster; Earl Wood; Elvira Bibb; Joseph Kunz (jkunz@wcid17.org); Kurt Pendleton; Roger Fry (rfry@lakewaymud.org)
Cc: Dale Delong
Subject: Proposed HHW Date - Wednesday, October 16, 2024

Hi everyone!

Hope you had a great summer and it's time to schedule our fall HHW event! Per TCEQ requirements and our CAPCOG grant requirements, the date of Wednesday, October 16 from 9:30 am to 12:30 pm has been determined. Clean Earth is available that day to process and provide additional staffing.

Please let me know if that date works for you and your staff. If most everyone can provide people, I'll send out a flyer for your website/email list by this Monday, September 23.

Thanks and have a great week!

Lisa Schlageter
Account Supervisor, Solid Waste
City of Lakeway
1102 Lohmans Crossing Rd.
Lakeway, TX 78734
T: (512) 314-7523
Email: LisaSchlageter@lakeway-tx.gov

Lakeway TEXAS™

Attachment D

ANNUAL WATER QUALITY REPORT

Reporting Year 2023

HURST CREEK M.U.D.

Presented By

Hurst Creek M.U.D.

Este reporte incluye información importante sobre el agua para tomar. Para asistencia en español, favor de llamar al teléfono (512) 261-6281.

PWS ID#: TX2270172

Our Commitment

We are pleased to present to you this year's annual water quality report. This report is a snapshot of last year's water quality covering all testing performed between January 1 and December 31, 2023. Included are details about your source of water, what it contains, and how it compares to standards set by regulatory agencies. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water and providing you with this information because informed customers are our best allies.

Source Water Assessment

The Texas Commission on Environmental Quality (TCEQ), the state water regulatory agency, completed a source water assessment (SWA) for Lake Travis in 2003. The SWA is a report on the susceptibility of public drinking water systems to 227 drinking water contaminants. The results include a high, medium, or low rating for each contaminant as well as a list of potential sources of contamination. A copy of this report is available at the Hurst Creek Municipal Utility District (M.U.D.) office, 102 Trophy Drive, The Hills, Texas. For more information, visit tceq.texas.gov/downloads/drinking-water/swap/tx_strategy.pdf.

> **"When the well is dry, we know the worth of water."**
>
> *—Benjamin Franklin*

Where Does My Water Come From?

Our drinking water is obtained from Lake Travis in the Colorado River watershed. Mansfield Dam was completed in 1941 and is a part of the Highland Lakes chain, which has a 369-billion-gallon capacity. Our raw, untreated water is purchased through a wholesale contract with the Lower Colorado River Authority (LCRA). More information on Lake Travis can be accessed at lcra.org.

Community Participation

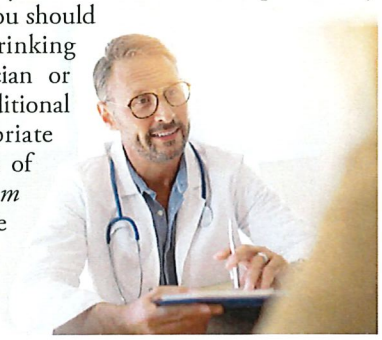
You are invited to participate in our public forum and voice your concerns about your drinking water. We meet the third Monday of each month at 9:00 a.m. Please call (512) 261-6281 for more information.

Emergency/Supplemental Water Sources

Due to some maintenance work on our elevated storage tank, in February and March 2023, Hurst Creek M.U.D. used an estimated 1,194,000 gallons of supplemental water from an emergency interconnect with Travis County Water Control and Improvement District (TCWID) #17. For more information on TCWID #17's water quality, please call (512) 266-1111.

Important Health Information

You may be more vulnerable than the general population to certain microbial contaminants, such as *cryptosporidium*, in drinking water. Infants, some elderly, or immunocompromised persons such as those undergoing chemotherapy for cancer; those who have undergone organ transplants; those who are undergoing treatment with steroids; and people with HIV/AIDS or other immune system disorders can be particularly at risk from infections. You should seek advice about drinking water from your physician or health care provider. Additional guidelines on appropriate means to lessen the risk of infection by *cryptosporidium* are available from the Safe Drinking Water Hotline at (800) 426-4791.



Water Loss Audit

Our water loss audit was submitted to the Texas Water Development Board for the year covered by this report. Our system lost an estimated 29,656,487 gallons of water. If you have any questions about the water loss audit, please call Kurt Pendleton, Assistant General Manager, at (512) 261-6281.

QUESTIONS? For more information about this report, or for any questions relating to your drinking water, please call Kurt Pendleton, Assistant General Manager, at (512) 261-6281.

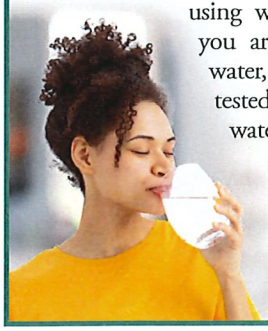
Safeguard Your Drinking Water

Protection of drinking water is everyone's responsibility. You can help protect your community's drinking water source in several ways:

- Eliminate excess use of lawn and garden fertilizers and pesticides – they contain hazardous chemicals that can reach your drinking water source.
- Pick up after your pets.
- If you have your own septic system, properly maintain it to reduce leaching to water sources, or consider connecting to a public water system.
- Dispose of chemicals properly; take used motor oil to a recycling center.
- Volunteer in your community. Find a watershed or wellhead protection organization in your community and volunteer to help. If there are no active groups, consider starting one. Use U.S. EPA's Adopt Your Watershed to locate groups in your community.
- Organize a storm drain stenciling project with others in your neighborhood. Stencil a message next to the street drain reminding people, "Dump No Waste – Drains to River" or "Protect Your Water." Produce and distribute a flyer for households to remind residents that storm drains dump directly into your local water body. For more information regarding Hurst Creek M.U.D.'s Stormwater Protection Program, please visit hurstcreekmud.org/2197/MS4---Stormwater.

Lead in Home Plumbing

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. This water supply is responsible for providing high-quality drinking water, but we cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to two minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline at (800) 426-4791 or epa.gov/safewater/lead.



Substances That Could Be in Water

To ensure that tap water is safe to drink, the U.S. Environmental Protection Agency (U.S. EPA) prescribes regulations limiting the amount of certain contaminants in water provided by public water systems. U.S. Food and Drug Administration regulations establish limits for contaminants in bottled water, which must provide the same protection for public health. Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of these contaminants does not necessarily indicate that the water poses a health risk.

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it can acquire naturally occurring minerals, in some cases radioactive material, and substances resulting from the presence of animals or from human activity. Substances that may be present in source water include:

Microbial Contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, or wildlife;

Inorganic Contaminants, such as salts and metals, which can be naturally occurring or may result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming;

Pesticides and Herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses;

Organic Chemical Contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production and which may also come from gas stations, urban stormwater runoff, and septic systems;

Radioactive Contaminants, which can be naturally occurring or may be the result of oil and gas production and mining activities.

Contaminants may be found in drinking water that may cause taste, color, or odor problems. These types of problems are not necessarily causes for health concerns. For more information on taste, odor, or color of drinking water, please contact our business office at (512) 261-6281. For more information about contaminants and potential health effects, call the U.S. EPA's Safe Drinking Water Hotline at (800) 426-4791.

How Long Can I Store Drinking Water?

The disinfectant in drinking water will eventually dissipate even in a closed container. If that container housed bacteria prior to filling up with the tap water the bacteria may continue to grow once the disinfectant has dissipated. Some experts believe that water could be stored up to six months before needing to be replaced. Refrigeration will help slow the bacterial growth.

Test Results

Our water is monitored for many different kinds of substances on a very strict sampling schedule, and the water we deliver must meet specific health standards. Here, we only show those substances that were detected in our water (a complete list of all our analytical results is available upon request). Remember that detecting a substance does not mean the water is unsafe to drink; our goal is to keep all detects below their respective maximum allowed levels.

The state recommends monitoring for certain substances less than once per year because the concentrations of these substances do not change frequently. In these cases, the most recent sample data are included, along with the year in which the sample was taken.

The percentage of total organic carbon (TOC) removal was measured each month, and the system met all TOC removal requirements set (unless a TOC violation is noted in the Violation column).

REGULATED SUBSTANCES

SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	MCL [MRDL]	MCLG [MRDLG]	AMOUNT DETECTED	RANGE LOW-HIGH	VIOLATION	TYPICAL SOURCE
Barium (ppm)	2023	2	2	0.0688	NA	No	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Beta/Photon Emitters (pCi/L)	2015	50[1]	0	4.9	4.9–4.9	No	Decay of natural and human-made deposits
Chloramines (ppm)	2023	[4]	[4]	2.95	1.50–3.50	No	Water additive used to control microbes
Combined Radium (pCi/L)	2021	5	0	1.5	1.5–1.5	No	Erosion of natural deposits
Cyanide (ppb)	2023	200	200	20	NA	No	Discharge from steel/metal factories; discharge from plastic and fertilizer factories
Haloacetic Acids [HAAs]–Stage 2 (ppb)	2023	60	NA	9.48	6.8–13.2	No	By-product of drinking water disinfection
Nitrate (ppm)	2023	10	10	0.23	NA	No	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Total Organic Carbon [TOC] (ppm)	2023	TT[2]	NA	3.30	3.02–3.80	No	Naturally present in the environment
TTHMs [total trihalomethanes]–Stage 2 (ppb)	2023	80	NA	28.33	24.4–30.2	No	By-product of drinking water disinfection
Turbidity[3] (NTU)	2023	TT	NA	0.15	NA	No	Soil runoff
Turbidity (lowest monthly percent of samples meeting limit)	2023	TT = 95% of samples meet the limit	NA	100	NA	No	Soil runoff

Tap water samples were collected for lead and copper analyses from sample sites throughout the community

SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	AL	MCLG	AMOUNT DETECTED (90TH %ILE)	SITES ABOVE AL/ TOTAL SITES	VIOLATION	TYPICAL SOURCE
Copper (ppm)	2023	1.3	1.3	0.0984	0/10	No	Corrosion of household plumbing systems; erosion of natural deposits
Lead (ppb)	2023	15	0	1	0/10	No	Corrosion of household plumbing systems; erosion of natural deposits

SECONDARY SUBSTANCES

SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	SCL	MCLG	AMOUNT DETECTED	RANGE LOW-HIGH	VIOLATION	TYPICAL SOURCE
Aluminum (ppb)	2023	200	NA	90.1	NA	No	Erosion of natural deposits; residual from some surface water treatment processes
Chloride (ppm)	2023	300	NA	54	NA	No	Runoff/leaching from natural deposits
Copper (ppm)	2023	1.0	NA	0.0399	NA	No	Erosion of natural deposits
Fluoride (ppm)	2023	2.0	NA	0.26	NA	No	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
pH (units)	2023	>7.0	NA	8.27	8.00–8.62	No	Naturally occurring
Sulfate (ppm)	2023	300	NA	29	NA	No	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids [TDS] (ppm)	2023	1,000	NA	323	NA	No	Runoff/leaching from natural deposits

UNREGULATED SUBSTANCES [4]				
SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	AMOUNT DETECTED	RANGE LOW-HIGH	TYPICAL SOURCE
Bromodichloromethane (ppb)	2023	7.2	NA	By-product of drinking water disinfection
Bromoform (ppb)	2023	2.5	NA	By-product of drinking water disinfection
Calcium (ppm)	2023	38.4	NA	Naturally occurring
Chloroform (ppb)	2023	5.9	NA	By-product of drinking water disinfection
Dibromochloromethane (ppb)	2023	8.4	NA	By-product of drinking water disinfection
Nickel (ppm)	2023	0.0013	NA	Naturally occurring in the environment
Sodium (ppm)	2023	32.7	NA	Erosion of natural deposits; by-products of oil field activity
Total Alkalinity (ppm)	2023	167	NA	Naturally occurring
Total Hardness (ppm)	2023	191	NA	Naturally occurring
Zinc (ppm)	2023	0.0058	NA	NA

[1] The MCL for beta particles is 4 millirems per year. U.S. EPA considers 50 pCi/L to be the level of concern for beta particles.

[2] The value reported under Amount Detected for TOC is the lowest ratio between percentage of TOC actually removed and percentage of TOC required to be removed. A value of greater than 1 indicates that the water system is in compliance with TOC removal requirements. A value of less than 1 indicates a violation of the TOC removal requirements.

[3] Turbidity is a measure of the cloudiness of the water. It is monitored because it is a good indicator of the effectiveness of the filtration system.

[4] Unregulated contaminants are those for which the U.S. EPA has not established drinking water standards. The purpose of unregulated contaminant monitoring is to assist the U.S. EPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulation is warranted.

Water Conservation Tips

You can play a role in conserving water and save yourself money in the process by becoming conscious of the amount of water your household is using and looking for ways to use less whenever you can. It is not hard to conserve water. Here are a few tips:

- Automatic dishwashers use four to six gallons for every cycle, regardless of how many dishes are loaded. So get a run for your money and load it to capacity.
- Turn off the tap when brushing your teeth.
- Check every faucet in your home for leaks. Just a slow drip can waste 15 to 20 gallons a day. Fix it and you can save almost 6,000 gallons per year.
- Check your toilets for leaks by putting a few drops of food coloring in the tank. Watch for a few minutes to see if the color shows up in the bowl. It is not uncommon to lose up to 100 gallons a day from an invisible toilet leak. Fix it and you save more than 30,000 gallons a year.
- Use your water meter to detect hidden leaks. Simply turn off all taps and water-using appliances. Then check the meter after 15 minutes. If it moved, you have a leak.

Definitions

90th %ile: The levels reported for lead and copper represent the 90th percentile of the total number of sites tested. The 90th percentile is equal to or greater than 90% of our lead and copper detections.

AL (Action Level): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

MCL (Maximum Contaminant Level): The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

MCLG (Maximum Contaminant Level Goal): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

MRDL (Maximum Residual Disinfectant Level): The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

MRDLG (Maximum Residual Disinfectant Level Goal): The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

NA: Not applicable.

NTU (Nephelometric Turbidity Units): Measurement of the clarity, or turbidity, of water. Turbidity in excess of 5 NTU is just noticeable to the average person.

pCi/L (picocuries per liter): A measure of radioactivity.

ppb (parts per billion): One part substance per billion parts water (or micrograms per liter).

ppm (parts per million): One part substance per million parts water (or milligrams per liter).

SCL (Secondary Contaminant Level): These standards are developed to protect aesthetic qualities of drinking water and are not health based.

TT (Treatment Technique): A required process intended to reduce the level of a contaminant in drinking water.

Attachment

E

Clean Drainage ditch 40 Cottondale #11657

Hurst Creek MUD

STATUS
✓ Done

PRIORITY
High

DUE DATE
12/13/2024, 3:15 AM

ESTIMATED TIME
1h

WORK TYPE
Reactive

DESCRIPTION

Clean drainage ditch and drop box of debris and grass that is growing in the ditch. You will need trash bags and a flat shovel. Watch out for skunks.

ASSIGNEES

Jake Pendleton

Luke Danna

Blake Blatchley

PICTURES



Time & Cost Tracking

No time entries or costs recorded

WORK ORDER INFO

Created by: Jake Pendleton on 12/12/2024, 9:39 AM

Last updated on 12/13/2024, 12:37 PM

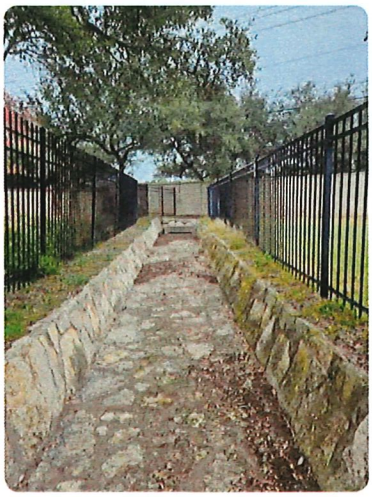
Completed on 12/13/2024, 12:37 PM

COMMENTS

Leaf blowers blew more leaves as I finished in the last picture. But they bagged them up.

Commented by Blake Blatchley on 12/13/2024, 12:36 PM

Commented by Blake Blatchley on 12/13/2024, 12:40 PM



Commented by Blake Blatchley on 12/13/2024, 12:40 PM

Commented by Blake Blatchley on 12/13/2024, 12:40 PM

Commented by Blake Blatchley on 12/13/2024, 12:40 PM

WORK ORDER HISTORY

Jake Pendleton created work order
12/12/2024, 9:39 AM

Jake Pendleton completed the work order.
12/13/2024, 12:37 PM

_____

Signed off by

_____

Date