



## SITE OBSERVATION REPORT

Project: 12100	Project Name: Lakeside Meadows Subdivision - Buncombe County Tri-Annual Storm Water Inspection	Observer: AD
Date: 2021-07-21	Weather: Sunny 75F	Time: 9:30 AM

### Property Information:

- Buncombe County Tax Map, Pin No#: 9742-15-4866 DB 5146 PG 1890
- Buncombe County Operations and Maintenance Agreement
- Permit Number: STW2014-00008

### Next Steps/ Look Ahead:

- Please reference attached notes and pictures in report and supporting Memo.

### General Observations:

- Representative from Civil Design Concepts (CDC) visited the above referenced site on July 21, 2021, to evaluate the storm water conveyance system and underground storm water detention. The primary focus of the evaluation was to observe the storm water detention facilities in order to certify to Buncombe County that the system meets the minimum requirements of the recorded operations and maintenance agreement (O&M).

*Disclaimer: Items listed above are not the only issues onsite and are not always within the scope or responsibility of Civil Design Concepts, P.A. Contractor is responsible for means and methods of construction.*

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Picture 1	Notes
 Picture 1 shows the entrance to Lakeside Meadows. A paved road curves to the right, bordered by a concrete curb. In the center of the curb is a small, rectangular stone sign that reads 'Lakeside Meadows'. The area is landscaped with green grass, shrubs, and trees.	Entrance to Lakeside Meadows.
Picture 2	Notes
 Picture 2 shows a typical curb inlet. A paved road with a concrete curb on the right side has a metal grate with a mesh screen attached to the curb. The area is landscaped with green grass and trees.	Typical curb inlet. All onsite curb inlets appear to be in overall good condition and functioning as intended. Owner should keep road(s) clean and avoid allowing contamination of storm water system with debris.
Picture 3	Notes
 Picture 3 shows the interior of a storm water structure. The view is through a metal grate into a dark, enclosed space. The walls are made of concrete, and there is a light fixture at the end of the structure. The interior appears to be filled with debris and water.	Inside of storm water structure shown in picture #2 (above).

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Picture 4	Notes
	<p>Inside of onsite storm water structure.</p> <p>Owner should clean debris from within storm water structure.</p> <p>Keeping the structure(s) clean will ensure system continues to function as intended.</p> <p>Structure appears to be functioning as intended.</p>
Picture 5	Notes
	<p>Inside of onsite storm water structure.</p> <p>Owner should clean debris from within storm water structure.</p> <p>Keeping the structure(s) clean will ensure system continues to function as intended.</p> <p>Structure appears to be functioning as intended.</p>
Picture 6	Notes
	<p>Typical curb inlet.</p> <p>All onsite curb inlets appear to be in overall good condition and functioning as intended.</p>

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Picture 7	Notes
	<p>Inside of onsite storm water structure. Structure appears to be functioning as intended.</p>
Picture 8	Notes
	<p>Inside of onsite storm water structure. Structure appears to be functioning as intended.</p>
Picture 9	Notes
	<p>Inside of onsite storm water structure. Owner should clean debris from within storm water structure. Keeping the structure(s) clean will ensure system continues to function as intended. Structure appears to be functioning as intended.</p>

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Picture 10	Notes
	<p>Inside of onsite storm water structure. Structure appears to be functioning as intended.</p>
Picture 11	Notes
	<p>Inside of onsite storm water structure. Structure appears to be functioning as intended.</p>
Picture 12	Notes
	<p>Inside of onsite storm water structure. Owner should clean debris from within storm water structure. Keeping the structure(s) clean will ensure system continues to function as intended. Structure appears to be functioning as intended.</p>

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Picture 13	Notes
	<p>Typical yard inlet.</p> <p>Yard inlet appears to be in overall good condition and functioning as intended.</p> <p>Owner should keep grate unobstructed and free of debris to ensure future proper operation of system.</p>
Picture 14	Notes
	<p>Typical yard inlet.</p> <p>Yard inlet appears to be in overall good condition and functioning as intended.</p> <p>Owner should keep grate unobstructed and free of debris to ensure future proper operation of system.</p>
Picture 15	Notes
	<p>Typical open throat structure.</p> <p>Structure appears to be in overall good condition and functioning as intended.</p> <p>Owner should keep throat unobstructed and free of debris to ensure future proper operation of system.</p>

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Picture 16	Notes
 Picture 16 shows the interior of an open throat structure. The walls are made of a light-colored, textured material, possibly concrete or metal. Light is coming from the top left, creating a bright spot where water is falling or flowing. The floor is a darker, mottled color.	<p>Inside view of open throat structure shown in picture #15 (above).</p> <p>Structure appears to be in overall good condition and functioning as intended.</p>
Picture 17	Notes
 Picture 17 shows a typical open throat structure in a yard. It consists of a circular metal manhole cover resting on a concrete slab. The slab is surrounded by green grass and some low-lying green bushes. The manhole cover has some markings on it.	<p>Typical open throat structure.</p> <p>Structure appears to be in overall good condition and functioning as intended.</p> <p>Owner should keep throat unobstructed and free of debris to ensure future proper operation of system.</p>
Picture 18	Notes
 Picture 18 shows a typical yard inlet. It features a metal grate with a diamond pattern resting on a concrete slab, which is surrounded by green grass.	<p>Typical yard inlet.</p> <p>Yard inlet appears to be in overall good condition and functioning as intended.</p> <p>Owner should keep grate unobstructed and free of debris to ensure future proper operation of system.</p>

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Picture 19	Notes
	<p>Typical open throat structure.</p> <p>Structure appears to be in overall good condition and functioning as intended.</p> <p>Owner should keep throat unobstructed and free of debris to ensure future proper operation of system.</p>
Picture 20	Notes
	<p>Typical yard inlet.</p> <p>Yard inlet appears to be in overall good condition and functioning as intended.</p> <p>Owner should keep grate unobstructed and free of debris to ensure future proper operation of system.</p>
Picture 21	Notes
	<p>Typical yard inlet.</p> <p>Yard inlet appears to be in overall good condition and functioning as intended.</p> <p>Owner should keep grate unobstructed and free of debris to ensure future proper operation of system.</p>