



MEETING MINUTES Buffalo Run MDP Progress Meeting #2

Date : June 27, 2022
Location : Virtual Meeting
Distributions : Comment Log

Attendees :

<u>NAME</u>	<u>ORGANIZATION</u>	<u>EMAIL</u>
Colin Haggerty	MHFD	chaggerty@mhfd.org
Andy Stewart	MHFD	astewart@mhfd.org
Drew Roberts	MHFD	droberts@mhfd.org
Christopher Hodyl	Commerce City	chodyl@c3gov.com
Michael McGoldrick	Commerce City	mmcgoldrick@c3gov.com
Lee Alverson	Commerce City	lalverson@c3gov.com
Jen Winters	RESPEC	jennifer.winters@respec.com
John Costello	RESPEC	john.costello@respec.com

1) Purpose

The purpose of the meeting was to discuss the draft Baseline Hydrology Report for the Buffalo Run MDP. A comment log was provided, and key comments were discussed during the meeting.

2) Discussion

Comments were discussed and questions about best rectification was agreed upon by all sides where decisions were made. **See attached comment log** for documentation of individual items discussed (highlighted in yellow).

High-level items discussed are as follows: The outlet of Buffalo Run will be described as terminating in Third Creek near the Burlington Ditch on the northwest side of the crossing of E-470 and the Burlington Ditch. Imperviousness for temporary ponds will be set to developed open space instead of being treated as open water. Existing subcatchments and watershed boundaries will be left as is, including an area between the main golf course building and Chambers Rd. For future land use an area in Buckley Crossing will be changed to a higher imperviousness due to its advantageous commercial location. Both the pond at 112th & 120th Avenues will be considered for regional detention facilities in the alternatives planning. Small key maps will be added to discussion of flow and channels in the introduction, along with verifying that ~130 acres of contributing area is above the inception of a stream line.



3) Next Steps and Schedule

- / RESPEC: Final Hydrology Report - End of July
- / RESPEC: Begin Hydraulic Analysis and defining problems
- / RESPEC: Send Scope/Fee for remainder of study (Alternatives and Conceptual Design) to MHFD for review
- / RESPEC: Schedule a brainstorming/progress meeting to discuss alternatives (Target-Mid- August)
- / RESPEC: Provide project schedule
- / RESPEC: Respond to all comments, including discussion from meeting

BUFFALO RUN MDP
BASELINE HYDROLOGY SUBMITTAL 1 COMMENT RESPONSE LOG
 (RECEIVED 01/04/2021)

#	PDF Page #	CATEGORY	AUTHOR	COMMENT	RESPONSE
1	5	Wording Comment	Colin Haggerty- MHFD	and watershed boundaries?	RESPEC to Address
2	6	General Comment	Colin Haggerty- MHFD	Drew Roberts District	RESPEC to Address
3	7	General Comment	Colin Haggerty- MHFD	Should it just be at Third Creek i/o at the Burlington	changed to say "...ends at Third Creek after crossing the Burlington Ditch and E-470."
4	7	Grammar Comment	Colin Haggerty- MHFD	Probably should break up text instead of one long runon sentence	RESPEC to Address
5	7	General Comment	Colin Haggerty- MHFD	we did change this for detention	Detention ponds were changed from assuming they were full of water (100% impervious) to the land cover that is existing
6	9	General Comment	Colin Haggerty- MHFD	i thought C3 wanted to include this area?	Will be left as natural grade break per discussion with City of Commerce City
7	10	Wording Comment	Colin Haggerty- MHFD	issues in the GC?	RESPEC to Address
8	11	General Comment	Colin Haggerty- MHFD	197 feels a little big?	Will be left as is per discussion with MHFD
9	11	General Comment	Colin Haggerty- MHFD	are impervious % from City/County GIS or RESPEC analysis? Or even reference studies?	RESPEC to Address
10	11	Wording Comment	Colin Haggerty- MHFD	after development	RESPEC to Address
11	12	General Comment	Colin Haggerty- MHFD	even at outlet of basin?	RESPEC to Address
12	12	Figure Comment	Colin Haggerty- MHFD	whole numbers only	RESPEC to Address
13	12	General Comment	Colin Haggerty- MHFD	existing regional facility?	112th Pond will be considered in alternatives along with 120th Pond
14	20	Figure Comment	Colin Haggerty- MHFD	higher density in future? and pretty big basin...with multiple channels?	Area along south side of 120th Ave at Buckley Crossing was changed to high intensity development for future land use per discussion with Commerce City
15	20	Figure Comment	Colin Haggerty- MHFD	make routing features more clear	RESPEC to Address
16	20	Figure Comment	Colin Haggerty- MHFD	Use same breakdown as Existing	RESPEC to Address
17	20	Figure Comment	Colin Haggerty- MHFD	why is study area so big? on the level below	RESPEC to Address
18	22	Figure Comment	Colin Haggerty- MHFD	same approx peak?	RESPEC to Address
19	22	Figure Comment	Colin Haggerty- MHFD	can vertical profile be kept the same between existing and proposed?	RESPEC to Address
20	23	Figure Comment	Colin Haggerty- MHFD	add acres? to check map	RESPEC to Address
21	23	Figure Comment	Colin Haggerty- MHFD	should this say existing?	RESPEC to Address
22	23	Figure Comment	Colin Haggerty- MHFD	no DCIA? If not discussed or used should probably remove from table...would be interested to see the impact of using level 2 though!	Added note of DCIA being zero for standard practice to Section 3.1, removed column from table.
23	25	SWMM Comment	Colin Haggerty- MHFD	Confirm impact if any	RESPEC to Address
24	79	Figure Comment	Colin Haggerty- MHFD	fix table overlap	RESPEC to Address
25	5	Wording Comment	Chris Hodyl- City of Commerce City	Add - goals, description of meetings and decision points	RESPEC to Address
26	5	General Comment	Chris Hodyl- City of Commerce City	I thought more was provided	More was provided, the latest and most applicable reports are included in that section
27	7	Wording Comment	Chris Hodyl- City of Commerce City	east	RESPEC to Address
28	7	Wording Comment	Chris Hodyl- City of Commerce City	west	RESPEC to Address
29	7	Wording Comment	Chris Hodyl- City of Commerce City	This whole section is very difficult to follow. Can we label the different stream segments on the map and refer to those labels here?	Adding in key maps of different reaches/areas discussed. Bullet out different reaches
30	7	Wording Comment	Chris Hodyl- City of Commerce City	for this analysis	RESPEC to Address
32	7	Land Use Comment	Chris Hodyl- City of Commerce City	This is BR Village Center zoned commercial with C values ranging from 0.87 to 0.89	Add section on future land use
33	7	Wording Comment	Chris Hodyl- City of Commerce City	Larado St	RESPEC to Address
34	7	Wording Comment	Chris Hodyl- City of Commerce City	commercial and residential development	RESPEC to Address
35	7	Grammar Comment	Chris Hodyl- City of Commerce City	close parenthesis needed here	RESPEC to Address

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36	7	Wording Comment	Chris Hodyl- City of Commerce City	Reference watershed number here?	RESPEC to Address
37	7	Wording Comment	Chris Hodyl- City of Commerce City	to the south? flowing south? - please reword more clearly.	RESPEC to Address
38	9	Figure Comment	Chris Hodyl- City of Commerce City	Add road names (used in the section 2.1), make fill more transparent (or remove).	RESPEC to Address
39	9	Figure Comment	Chris Hodyl- City of Commerce City	label MHFD boundary and area of interest (or Buffalo Run location)	RESPEC to Address
40	9	Figure Comment	Chris Hodyl- City of Commerce City	Are these line types defined as "major drainageways" > 130 acres contributing area?	Major Drainageway lines were edited to have approximately 130 acres of contributing area or noted if the line does not begin at 130 acres
41	10	Wording Comment	Chris Hodyl- City of Commerce City	Because of the small size of the watershed, depth reduction factors were not applied.	RESPEC to Address
42	11	Wording Comment	Chris Hodyl- City of Commerce City	Isn't this a duplicate sentence with the last sentence and out of sequence.	RESPEC to Address
43	11	Wording Comment	Chris Hodyl- City of Commerce City	Were they also refined using available stormwater lines?	RESPEC to Address
44	11	General Comment	Chris Hodyl- City of Commerce City	This is already built out. Replace with F37.	RESPEC to Address
45	20	Figure Comment	Chris Hodyl- City of Commerce City	I assume this will work without overlapping hatch patterns confusing things.	RESPEC to Address
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* yellow highlighted cells represent comments discussed during the Meeting 06/27/2022