CDR20004-V3-MDDP.pdf Markup Summary

1 (2)

PE



Subject: EPC ENG Review

Page Index: 1

Date: 12/13/2021 1:28:14 PM

Author: dsdrice Color:

Layer: Space: Page Label: 1

......

Subject: Text Box

Page Index: 1

Date: 12/13/2021 1:28:28 PM

Author: dsdrice

Color: Layer:
Space:
Page Label: 1

See comment letter also.

3 (1)





Subject: Text Box Page Index: 3

Date: 12/13/2021 1:27:56 PM

Author: dsdrice
Color: Layer:
Space:
Page Label: 3

Add a note that this amendment is not intended to address drainage and bridge fees or credits for DBPS improvements and that other submittals will address this (or include that information if you want

to address those issues.)

4 (1)



Subject: Callout Page Index: 4

Date: 12/3/2021 8:25:26 AM

Author: dsdrice Color: Layer: Space:

Page Label: 4

not found

5 (2)



Subject: Page Index: 5

Date: 12/3/2021 8:32:12 AM

Author: dsdrice

Color: Layer: Space: Page Label: 5

d firstly in the 2011

Drainage Basin Planning Study (DBPS) by Wilson

Subject: Callout 1996 DBPS? UBBASINS Page Index: 5 Date: 12/3/2021 8:32:31 AM Author: dsdrice Color: Layer: Space: Page Label: 5 6(3)Subject: Callout 2018 Page Index: 6 Date: 12/3/2021 8:33:47 AM n the MDDP. Author: dsdrice Color: Layer: Space: Page Label: 6 Subject: Callout This is confusing - should the last sentence be Page Index: 6 under SC3-9? Date: 12/3/2021 8:52:04 AM Author: dsdrice Color: Layer: Space: Page Label: 6 Subject: Callout 14A is approximately 140.2 acres. It is collopment. The basin is comprised of single west via futner on-site curb and gutter and lls directly into Sand Creek upstream of St east of Sand Creek Page Index: 6 Date: 12/3/2021 9:29:00 AM east of Sand Creek Author: dsdrice Color: Layer: Space: Page Label: 6

7 (4)

Subject: Callout Page Index: 7

Date: 12/3/2021 11:50:33 AM

Author: dsdrice
Color: Layer:
Space:
Page Label: 7

east of Sterling Ranch Road alignment

Subject: Callout Page Index: 7

Date: 12/3/2021 9:32:36 AM

Author: dsdrice
Color: Layer:
Space:
Page Label: 7

show A and B basins on the drainage plan

Subject: Callout rural (or large-lot) Page Index: 7 Date: 12/3/2021 9:38:06 AM Author: dsdrice Color: Layer: Space: Page Label: 7 Subject: Callout and includes aditional XX acres of contributing Page Index: 7 area proposed to be diverted to the main Sand Date: 12/3/2021 11:50:25 AM Creek channel Author: dsdrice Color: Layer: Space: Page Label: 7 8 (3) Subject: Callout delete "previously"? Page Index: 8 Date: 12/3/2021 9:41:02 AM Author: dsdrice Color: Layer: Space: Page Label: 8 Subject: Callout urban density Page Index: 8 Date: 12/3/2021 9:40:41 AM Author: dsdrice Color: Layer: Space: Page Label: 8 Subject: Callout rb and gutter and storm sewer 71? Page Index: 8 labeled FSD27 in the MDDP Date: 12/3/2021 9:41:31 AM **—** 71? Author: dsdrice IGN CRITERIA Color: Layer: Space: Page Label: 8 9 (2)

Subject: Callout Page Index: 9

Date: 12/3/2021 9:44:32 AM

Author: dsdrice Color: Layer: Space: Page Label: 9

The adopted (1996) DBPS assumed low density development in this area.

2018 MDDP Compairson 10 2021 NDBP United The Section 10 2021 NDBP Comparing to entippid NDBP Johnson Comparing the original NDBP Johnson Comparing the Section 10 2021 NDBP Comparing the NDBP Comparing the Section 10 2021 NDBP Section 10 2021 NDBP

Subject: Callout Page Index: 9

Date: 12/3/2021 9:45:44 AM

Author: dsdrice

Color: Layer: Space: Page Label: 9

City

11 (2)

smaller stock pond in this area is being removed need to be included in the model.
ssing to preliminary design, a 17.23 acre portion of sortion of SCE-10 has been shifted to basin SC3-14B

ssing to preliminary design, a 17.23 acre portion of section of SCE-10 has been shifted to basin SCE-14B describe where this was planned to be was 11 Mercoved to be unnecessary as hypothesized brains to Pond FSD6.

Subject: Callout Page Index: 11

Date: 12/3/2021 11:55:15 AM

Author: dsdrice Color: Layer: Space:

Page Label: 11

Pa Da the mod

location
ted near Sterling Ranch has been included in the mod
luded from the model since the thalway of the chann
ed on preliminary designs with this MDDP Amendm
t flows will instead pass directly through it and outfare.

Subject: Callout Page Index: 11

Date: 12/13/2021 8:11:56 AM

Author: dsdrice
Color: Layer:
Space:
Page Label: 11

describe where this was planned to be

please clarify location

12 (1)

Subject: Callout Page Index: 12

Date: 12/13/2021 8:13:55 AM

Author: dsdrice Color: Layer: Space: Page Label: 12 state that the previous MDDP considered this pond to be temporary and it is now permanent.

14 (1)

being designed

t is an evaluation of the required volume for
3). Along with an on-life detention pond,
and Britargate Parkway by others. The

Subject: Callout Page Index: 14

Date: 12/13/2021 10:18:40 AM **Author:** dsdrice

Color: Layer: Space: Page Label: 14

being designed

15 (4)

sould channel improvements begin just morth of the Storling Ray and run north roughly two miles to the northern property bote 117 feet yale, 0.71 feet deep, nearaboring bands fill channel also lang the Day, the bat arranges from 50 feet to 20 feet with. The will be nock nRQs, while the servers will be eddy pools. The nesses the contract of the cont

Subject: Callout Page Index: 15

Date: 12/13/2021 12:41:28 PM

Author: dsdrice Color: Layer: Space:

Page Label: 15

see other comments

Subject: 17 feet wide, 0.71 feet dee Page Index: 15 Date: 12/13/2021 12:41:48 PM Author: dsdrice Color: Layer: Space: Page Label: 15 Subject: 1470 14% Page Index: 15 14% Date: 12/13/2021 12:50:33 PM Author: dsdrice Color: Layer: Space: Page Label: 15 Subject: Callout Staff is not comfortable with this increase without a Page Index: 15 detailed review of the SWMM model and Date: 12/13/2021 12:51:29 PM concurrence from the City. Author: dsdrice Color: Layer: Space: Page Label: 15 16 (3) Subject: Highlight Page Index: 16 he Date: 12/13/2021 12:45:51 PM Author: dsdrice Color: Layer: Space: Page Label: 16 Subject: Highlight ay Page Index: 16 les Date: 12/13/2021 12:42:39 PM Author: dsdrice ed Color: Layer: Space: Page Label: 16 Subject: Callout designed Page Index: 16 Date: 12/13/2021 12:44:45 PM Author: dsdrice Color: Layer: Space: Page Label: 16

17 (2)

designed

5 feet tall. The flood strence varies in wishh along this
50 feet tall. The layer of the you existing stock
100 feet wide. The layer of the you existing stock
100 feet wide. The layer of the you existing stock
100 feet to the conjunction of Sorting Lands-Rows
100 feet to the conjunction of Sorting Lands-Rows
100 feet to the conjunction of the layer
100 feet to the conjunction of the layer
100 feet to the layer of the layer
100 feet to the layer
100 feet to layer
100

Subject: Callout Page Index: 17

Date: 12/13/2021 12:46:58 PM

Author: dsdrice

Color: Layer: Space:

Page Label: 17

them agreemently (100 kers yee 200 kins with. The larges of the two containing reads be the containing reads be that the side and bell climically as expensable (100 kins) are seen after the folgers are yet such as \$10 kins was containly to the two just made of brinding than the Pears was produced by the containing the c

Subject: Callout Page Index: 17

Date: 12/13/2021 12:50:09 PM

Author: dsdrice
Color: Layer:
Space:

Page Label: 17

designed

Address bank stabilization along the west side of the channel in the Homestead North development (from the Wheatland Drive cul-de-sac to Poco

Road).

18 (3)



Subject: Highlight Page Index: 18

Date: 12/1/2021 2:43:17 PM

Author: dsdrice
Color: Layer:
Space:

Page Label: 18

Subject: Callout Page Index: 18

Date: 12/3/2021 8:31:48 AM

Author: dsdrice
Color: Layer:
Space:

Page Label: 18

mestead North at Sterling Ranch

zliminary Plan, JR Engineering,

ing, June 2021.
d Flood Control District, Latest

Subject: Callout Page Index: 18

Date: 12/3/2021 8:27:57 AM

Author: dsdrice Color: Layer: Space:

Page Label: 18

Add Kiowa DBPS (1996) (adopted by EPC)

(not adopted by EPC)

24 (1)

Not checked in detail from here down.

Subject: Text Box Page Index: 24

Date: 12/13/2021 12:53:08 PM

Author: dsdrice Color: Layer:

Space: Page Label: 24 Not checked in detail from here down.

29 (3) Subject: Text Box **Existing Conditions** Page Index: 29 Date: 12/13/2021 10:32:49 AM Jesign Point Peak Flow Rate Summary Author: dsdrice Color: Layer: Space: Page Label: 29 Subject: 21% 20% 6% 9% 3% Page Index: 29 Date: 12/13/2021 10:48:39 AM Author: dsdrice Color: Layer: Space: Page Label: 29 Subject: 23% 21% 7% 10% 3% Page Index: 29 Date: 12/13/2021 10:48:57 AM Author: dsdrice Color: Layer: Space: Page Label: 29 42 (1) Subject: Callout Please add a note describing what this means. Page Index: 42 Date: 12/13/2021 12:56:26 PM Author: dsdrice Color: Layer: Space: Page Label: 42 77 (1) Subject: Callout Verify that these values are not too high for Page Index: 77 developed basins Date: 12/13/2021 1:01:59 PM Author: dsdrice Color: Layer: Space: Page Label: 77

99 (4)

-41% 1188% Subject: Page Index: 99

Date: 12/13/2021 10:35:33 AM

Author: dsdrice Color:

Layer: Space: Page Label: 99 1188%

Subject: 3% 14% Page Index: 99 Date: 12/13/2021 10:36:12 AM 14% Author: dsdrice 16% Color: Layer: Space: Page Label: 99 Subject: 14% 16% Page Index: 99 Date: 12/13/2021 10:37:11 AM 16% Author: dsdrice 14% Color: Layer: Space: Page Label: 99 Subject: Callout Is detention not assumed? Page Index: 99 Date: 12/13/2021 10:44:35 AM Author: dsdrice Color: Layer: Space: Page Label: 99 195 (1)



Subject: Callout Page Index: 195

Date: 12/13/2021 1:24:11 PM

Author: dsdrice Color: Layer: Space:

Page Label: 195

Please add a note describing what this means and verify that there are no actual errors.

206 (1)



Subject: Highlight Page Index: 206

Date: 12/1/2021 2:38:54 PM

Author: dsdrice Color: Layer: Space:

Page Label: 206

338 (7)

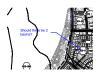


Subject: Callout Page Index: 338

Date: 12/3/2021 8:54:21 AM

Author: dsdrice Color: Layer:

Space: Page Label: 338 Provide a basin line between these two



Subject: Callout Page Index: 338

Date: 12/3/2021 9:32:01 AM

Author: dsdrice

Color: Layer: Space:

Page Label: 338

Should there be 2 basins?



Subject: Callout Page Index: 338

Date: 12/3/2021 9:36:10 AM

Author: dsdrice

Color: Layer: Space:

Page Label: 338

Show Ponds 18B and C



Subject: Callout Page Index: 338

Date: 12/3/2021 9:37:23 AM

Author: dsdrice

Color: Layer: Space:

Page Label: 338

Turn off the dark Xs

Subject: Text Box Page Index: 338

Date: 12/3/2021 11:43:40 AM

Author: dsdrice Color:

Layer: Space:

Page Label: 338

Provide north arrow and scale



Subject: Callout Page Index: 338

Date: 12/3/2021 11:45:06 AM

Author: dsdrice
Color: Layer:
Space:

Page Label: 338

Clearly show basin boundary lines - maybe a different color and/or linetype



Subject: Area Measurement

Page Index: 338

Date: 12/3/2021 11:52:15 AM

Author: dsdrice

Color: Layer: Space:

Page Label: 338

64.12 ac