



RIFFLES TO RIPPLES

## MEMORANDUM

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**DATE:** January 27, 2021

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**TO:** Cherry Creek Basin Water Quality Authority (CCBWQA) Board of Directors

**CC:** Chuck Reid, CCBWQA Manager

**FROM:** Richard Borchardt

**SUBJECT:** CCBWQA 2020 Land Use Referral Reviews and Land Disturbance Summaries

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The CCBWQA reviews Land Use Referrals to check conformance with Control Regulation 72. Two Tables have been prepared to summarize this effort in 2020.

The first Table titled “Annual Summary of Authority 2020 Land Use Reviews” summarizes the total number of land use referrals reviewed by the CCBWQA during 2020, and it includes a breakdown by Land Use Category and Agency. At the bottom of the Table, a comparison of years is included for the period of 2014 through 2020.

The second Table titled “Approximate Areas of Land Disturbance”, summarizes the approximate areas of land disturbance within Cherry Creek basin, and it includes a breakdown by Land Use Category and Agency. At the bottom of the Table, a comparison of years is included for the period of 2014 through 2020. It should be noted that this summary data:

- Is based on the land use referral submittals received and reviewed by the CCBWQA.
- Tabulates the disturbance areas which are the reported lot, tract or parcel boundary area size and are not necessarily the specific area(s) disturbed by grading or construction.
- Includes a few residential submittals reviewed which are believed to be a part of a larger subdivision proposed for built out over a multi-year period.

Seven large sized referrals (over 200 acres) were reviewed in 2020 and that are anticipated to develop over a multi-year period. These developments are identified as:

- City of Lone Tree – RidgeGate Southwest Village, A ≈ 699 acres.
- City of Castle Pines – Shea Canyons Phase II, A ≈ 640 acres.
- Douglas County – Pine Canyon, A ≈ 540 acres (split between Cherry Creek and Chatfield Watersheds).
- Town of Parker - Anthology North Segment 1A, A ≈ 414 acres.
- Town of Parker - Looking Glass Preliminary Plan F9-19 - Segment 2A, A ≈ 343 acres.
- Douglas County – Trails, A ≈ 290 acres
- Town of Parker - Anthology North Segment 1, A ≈ 126 acres.

**Cherry Creek Basin Water Quality Authority**  
**Annual Summary of Authority 2020 Land Use Reviews**  
**January 27, 2021**

Agency	Total LUR's Reviewed	Commercial	Residential	Mixed-Use	Open Space / Parks / Rec. Ctrs	Highway / Roadway /Bridge	Utility	Other
Arapahoe County	23	12	1	2	0	0	5	3
Centennial Airport Authority	1	1	0	0	0	0	0	0
Aurora	11	6	2	0	0	2	0	1
Castle Pines	11	1	4	4	0	0	2	0
Castle Rock	12	2	8	0	0	0	2	0
CDOT	4	0	0	0	0	4	0	0
Douglas County	33	5	14	2	0	0	11	1
E-470 Authority	0	0	0	0	0	0	0	0
Foxfield	0	0	0	0	0	0	0	0
Greenwood Village	1	1	0	0	0	0	0	0
Lone Tree	9	1	1	4	1	0	1	1
Parker	91	51	17	12	0	2	9	0
SEMSWA	27	20	3	0	3	0	1	0
<b>Total Number of Land Use Reviews completed in 2020</b>	<b>223</b>	<b>100</b>	<b>50</b>	<b>24</b>	<b>4</b>	<b>8</b>	<b>31</b>	<b>6</b>
Total Number of Land Use Reviews completed in 2019	193	98	66	6	8	3	6	6
Total Number of Land Use Reviews completed in 2018	216	102	69	1	9	7	16	12
Total Number of Land Use Reviews completed in 2017	198	128	43	2	10	1	11	3
Total Number of Land Use Reviews completed in 2016	265	147	60	4	15	2	26	11
Total Number of Land Use Reviews completed in 2015	198	96	54	2	11	6	22	7
Total Number of Land Use Reviews completed in 2014	154	81	44	0	15	2	8	4

**Cherry Creek Basin Water Quality Authority**  
**Approximate Areas of Land Disturbance<sup>1</sup>**  
**January 27, 2021**

Agency	Total Land Disturbance <sup>1</sup> By Agency (Acres)	Land Use Category					
		Commercial	Residential	Mixed Use	Open Space / Parks / Rec Ctrs	Highway / Bridge	Other
Arapahoe County	220.3	169.3	1.8	12.1	0.0	0.0	37.1
Centennial Airport Authority	4.2	4.2	0.0	0.0	0.0	0.0	0.0
Aurora	5.3	2.9	2.4	0.0	0.0	0.0	0.0
Castle Pines	82.2	0.0	37.7	2.3	0.0	0.0	42.2
Castle Rock	97.5	0.0	97.5	0.0	0.0	0.0	0.0
CDOT	81.1	0.0	0.0	0.0	0.0	81.1	0.0
Douglas County	193.0	33.9	118.8	0.0	0.0	0.0	40.3
E-470 Highway Authority	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foxfield	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Greenwood Village	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Lone Tree	5.0	0.0	0.0	0.0	0.0	0.0	5.0
Parker	512.8	140.0	169.8	152.0	0.0	0.0	51.0
SEMSWA	90.5	85.6	0.0	0.0	4.9	0.0	0.0
<b>Total 2020 Land Disturbance<sup>1</sup> (Acres)</b>	<b>1291.9</b>	<b>436.0</b>	<b>428.0</b>	<b>166.4</b>	<b>4.9</b>	<b>81.1</b>	<b>175.6</b>
Total 2019 Land Disturbance <sup>1</sup> (Acres)	1845.0	280.2	1308.0	21.7	194.0	0.4	40.7
Total 2018 Land Disturbance <sup>1</sup> (Acres)	1818.0	363.0	1270.0	14.0	30.0	59.0	82.0
Total 2017 Land Disturbance <sup>1</sup> (Acres)	1641	777	735	28	3	15	83
Total 2016 Land Disturbance <sup>1</sup> (Acres)	1338	533	510	18	140	46	91
Total 2015 Land Disturbance <sup>1</sup> (Acres)	1351	270	1021	0	12	31	17
Total 2014 Land Disturbance <sup>1</sup> (Acres)	1732	389	1168	0	23	120	32

Note <sup>1</sup> -- All acreages shown are those of the parcel / lot or tract, are approximate, don't represent the specific area of disturbance within the parcel/lot or tract and are taken from referral submittal documents. Some referral submittals contain large tracts of land that may develop over a multi-year period.