



Addendum for Request for Proposals for a Waste Characterization Study for Zero Waste Sonoma

***Note: the submittal deadline has been extended to 5:00 PM on Wednesday, December 9, 2020.**

QUESTIONS AND ANSWERS

1. Do you have a budget allocated for this project? If so, can you provide that information?

Per the work plan, approved by the ZWS Board of Directors at the April 15, 2020 meeting, contract services for the Waste Characterization Study shall not exceed \$150,000.

2. Do you have a preference of the facility(s) the sorting will take place?

We don't have a preference – it would be whatever works for the contractor.

3. Have you already coordinated with the facility(s)?

No, however we have made the hauler and the facility operators aware of the release of the RFP.

4. Have you discussed with the collection companies the characterization?

Yes, we have spoken with Recology about the study and they are aware of the methodology for the 2014 WCS when the Ratto Group was the hauler for eight of the ten Sonoma County jurisdictions.

5. Section 1.2 notes that one of the objectives is “...to allow the Agency to monitor and measure recycling, organics, and waste disposal trends.” Please clarify that this study only includes characterizing disposed materials (mirroring the 2006 and 2014 studies). Recycling and organics collection routes are not included in this study, correct?

Yes, that is correct.

6. Section 1.2 notes that one of the objectives is to “Identify specific generators or, failing that, specific collection routes that are contributing substantial quantities of recyclable and organic

materials to the waste stream.” In 2014 the Ratto Group ran special collection routes to isolate waste from specific generator types or specific generators. Has the Ratto Group agreed to collect special routes again in support of the study?

Ratto Group is no longer the hauler for eight of the ten Sonoma County jurisdictions. Recology Sonoma Marin has assumed the Ratto contracts and has been made aware of the temporary route modification for the 2014 waste characterization study, and are interested in supporting the 2020 study. The Agency has not spoken with Sonoma Garbage Collectors (City of Sonoma) or Sonoma County Resource Recovery (Town of Windsor) regarding the study, and has not made arrangements with the haulers on special collection routes.

- 7. Section 1.3 notes that “*Non-franchise waste generated in Sonoma County may or may not enter the County’s transfer stations...*” Is your intention for the proposers to characterize waste disposed at facilities other than the County’s transfer stations?**

No.

- 8. As in the 2014 study, has the Ratto Group agreed to provide its list of routes and commercial customers to support the study?**

The Agency has not requested a list of routes and commercial customers to support the study. This information should be requested by the contractor.

- 9. As in the 2014 study, has the Ratto Group agreed to redirect all routes selected for sampling to the Central Landfill (regardless of their normal destination)?**

The Agency has not requested that the haulers redirect routes for sampling.

- 10. As in the 2014 study, will selected routes from Petaluma tip at the Central landfill and the unsampled material be reloaded and transferred to the Redwood Landfill?**

The Petaluma material will need to be disposed at the Redwood Landfill.

- 11. Petaluma material tipped at the Central Landfill must be returned to the Redwood Landfill, should the proposer budget for the labor necessary to reload the material or will the Central Landfill and Ratto Group handle the work and the cost?**

Yes, the proposer should consider the cost for reloading and transporting the material to Redwood Landfill.

- 12. The 2014 study presented results for three sectors: residential, commercial, and self-haul. The RFP in Exhibit A, Task 2 (page 7) notes that all samples will be classified according to five sectors (residential, commercial, mixed residential and commercial, and self-haul residential or self-haul commercial). Should the proposer plan to allocate samples to the three sectors used in 2014, or the five sectors listed in the RFP?**

The proposer should include samples for the five sectors listed in the RFP.

13. To help guide our proposal, please provide the 2019 waste tonnage data by vehicle type and sector.

Please see the attachments for disposal tonnages and number of service units per sector for Recology, Sonoma County Resource Recovery, and Sonoma Garbage Collectors. The selected proposer will be provided with 2019 waste tonnage data by route. This is how the hauler currently tracks tonnages, as opposed to weight by vehicle type.

14. The RFP in Exhibit A, Task 2 (page 8) notes that *“The Agency will provide assistance to select vehicles for sampling in accordance with the protocol developed by the consultant...”* Does the Agency anticipate that person is available each day of field work to track and direct vehicles as they arrive at the Central Landfill or is it the Agency’s intention that this person is available prior to field work to help review route data and assist with the selection of routes for sampling?

The Agency will not be providing field work to track and direct vehicles as they arrive at Central Landfill. The Agency can provide administrative support to help coordinate requested information from the haulers or central landfill.

15. The RFP in Exhibit A, Task 2 (page 8) notes that *“The Agency will provide assistance to select vehicles for sampling in accordance with the protocol developed by the consultant...”* Is it the Agency’s intention that this person is available to classify specific generators according to their generator type (matching the list of generator types used in the 2014 study)?

Yes, the person can assist in classifying specific generators according to the generator type.

Recology Sonoma Marin - All Sonoma County

Sonoma County
(tons)

2019

	Q1				Q2				Q3				Q4				2019			
	Commercial	Residential	Debris Box	Total	Commercial	Residential	Debris Box	Total	Commercial	Residential	Debris Box	Total	Commercial	Residential	Debris Box	Total	Commercial	Residential	Debris Box	Total
Incoming Material																				
MSW	24,289.6	23,641.0	8,974.5	56,905.1	24,940.5	24,367.9	8,861.3	58,169.7	24,579.5	24,786.7	8,777.3	58,143.4	24,985.3	24,562.8	8,001.2	57,549.3	98,794.8	97,358.4	34,614.3	230,767.6
Mixed Recycling	3,833.4	13,739.1	20.4	17,592.9	5,528.6	12,120.8	28.4	17,677.8	6,333.3	12,334.6	40.8	18,708.7	7,141.8	12,396.8	168.7	19,707.3	22,837.1	50,591.4	258.2	73,686.7
C&D	-	2.5	7,055.0	7,057.4	-	17.2	4,475.9	4,493.1	-	16.6	4,448.0	4,464.6	-	16.9	3,438.9	3,455.8	-	53.2	19,417.8	19,471.0
Other Recycling	1,307.8	2,994.4	5,107.1	9,409.3	2,040.9	2,184.2	5,352.6	9,577.7	1,302.4	1,547.8	6,107.5	8,957.8	1,951.0	1,027.4	4,106.1	7,084.4	6,602.1	7,753.9	20,673.3	35,029.2
Total Recycling	5,141.2	16,736.0	12,182.5	34,059.7	7,569.5	14,322.2	9,856.9	31,748.7	7,635.7	13,899.1	10,596.3	32,131.1	9,092.8	13,441.1	7,713.7	30,247.5	29,439.2	58,398.4	40,349.3	128,186.9
Organic Material	2,611.6	15,096.1	2,253.5	19,961.2	3,127.7	20,618.1	2,037.1	25,782.9	2,639.4	16,791.1	3,243.5	22,674.0	4,046.0	18,629.6	2,791.9	25,467.6	12,424.7	71,135.0	10,326.0	93,885.7
Total Incoming Mater	32,042.4	55,473.1	23,410.5	110,926.0	35,637.8	59,308.2	20,755.3	115,701.3	34,854.5	55,476.9	22,617.0	112,948.4	38,124.1	56,633.5	18,506.8	113,264.5	140,658.8	226,891.8	85,289.6	452,840.2
Residual	1,249.5	3,379.7	1,279.0	5,908.2	1,573.7	2,806.4	1,668.3	6,048.4	1,552.0	2,631.9	1,748.9	5,932.9	1,403.4	2,702.5	1,473.1	5,579.0	5,778.6	11,520.6	6,169.2	23,468.4
Total Diverted Material	6,503.3	28,452.4	13,157.0	48,112.7	9,123.5	32,134.0	10,225.7	51,483.2	8,723.1	28,058.3	12,090.9	48,872.2	11,735.4	29,368.2	9,032.5	50,136.1	36,085.3	118,012.8	44,506.0	198,604.2
Diversion %	20.3%	51.3%	56.2%	43.4%	25.6%	54.2%	49.3%	44.5%	25.0%	50.6%	53.5%	43.3%	30.8%	51.9%	48.8%	44.3%	25.7%	52.0%	52.2%	43.9%

Number of Accounts as of 12/31/2019

Consolidated size	MSW			MSW Total	Recycling			Recycling Total	Organics			Organics Total	Grand Total
	Comm	MFD	SFD		Comm	MFD	SFD		Comm	MFD	SFD		
20 Gallon	182	1	20,141	20,324	-	-	116	116	-	-	-	-	20,440
32 Gallon	764	60	59,363	60,187	51	6	9,808	9,865	34	1	1,009	1,044	71,096
64 Gallon	619	41	33,780	34,440	113	10	12,579	12,702	239	6	3,926	4,171	51,313
96 Gallon	1,649	41	7,597	9,287	2,732	162	89,797	92,691	1,131	131	100,123	101,385	203,363
1.5 yard	745	49	-	794	194	11	-	205	107	5	-	111	1,111
2 yard	1,082	85	-	1,167	883	66	-	949	345	8	-	353	2,469
3 yard	1,028	117	-	1,145	1,188	113	-	1,301	90	4	-	94	2,540
4 yard	1,604	196	-	1,800	1,878	118	1	1,997	50	4	-	54	3,851
6 yard	334	14	-	348	269	2	-	271	12	2	-	14	633
Grand Total	8,007	604	120,881	129,492	7,309	488	112,301	120,097	2,008	161	105,058	107,227	356,816

Excludes debris box only accounts.

Facilities Processing Material:

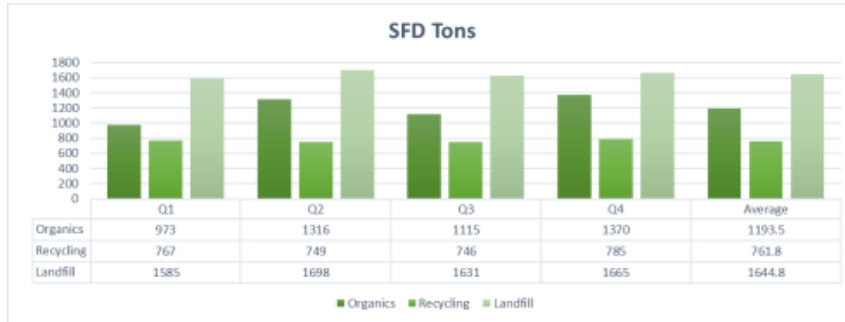
- Republic Facilities (Central Landfill & Transfer Stations)
- Recology MRF (3417 Standish Ave.)
- Pacific Recycling (Ukiah)
- Green Waste Recovery (San Jose)
- Redwood Landfill
- Cold Creek Compost (Ukiah)

*Cloverdale, Healdsburg, Santa Rosa, Sebastopol, Rohnert Park, Cotati, Petaluma, Unincorporated Sonoma County

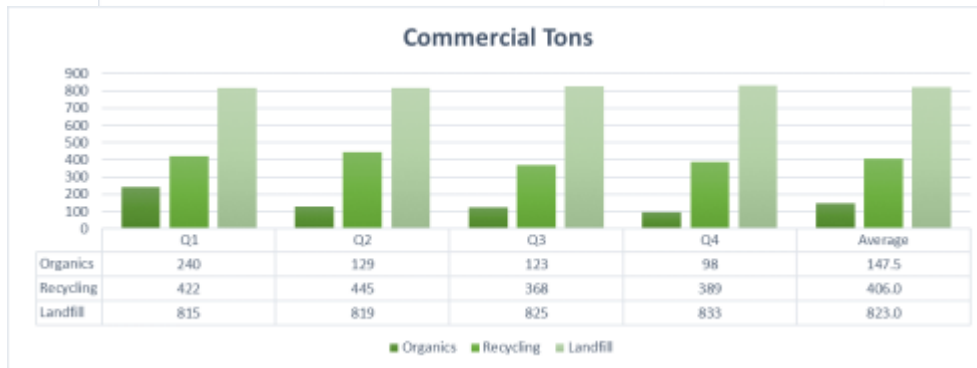
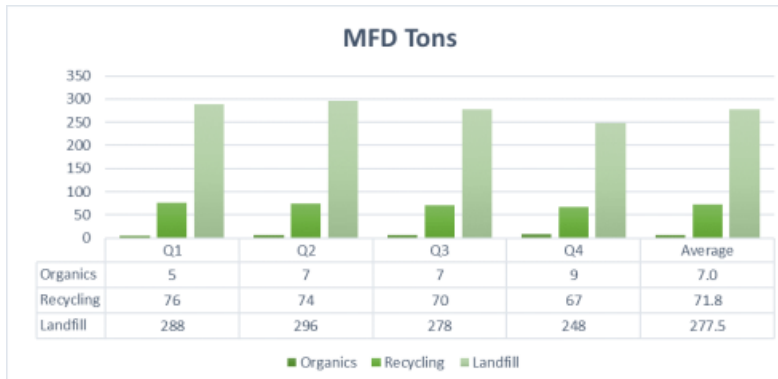
Sonoma County Resource Recovery - 2019 Summary Report

*Windsor

Single Family Dwelling Tonnages



Multi-family Dwelling Tonnages



Account Data

Number of Service Units	Q1	Q2	Q3	Q4	Average
SFD	7861	7860	7840	7851	7853.0
MFD	38	38	38	38	38.0
Comm	198	203	204	206	202.8
Town	21	21	22	22	21.5
Schools	7	7	7	7	7.0
Total	8125	8129	8111	8124	8122.25

Sonoma Garbage Collectors 2019 Account Data

*Sonoma

Tonnage per sector is not available

COUNTY RESIDENTIAL CUSTOMERS: 741

COUNTY COMMERCIAL CUSTOMERS: 2

CITY RESIDENTIAL CUSTOMERS: 4,046

CITY COMMERCIAL CUSTOMERS 207

CITY MULTI FAMILY UNITS: 32