

ENERO 2016

1. RESUMEN TRANSPORTE Y DISPOSICIÓN FINAL DE RESIDUOS ORDINARIOS

Tabla 1: Resumen de toneladas transferidas, transportadas y recicladas en la ETN

PERIODO		ESTACIÓN DE TRANSFERENCIA NORTE		
Enero				
AÑO	Día	RECICLADO (TON)	TRANSPORTADO (TON)	INGRESO (TON)
2016	vie-01	-	589.93	388.78
	sáb-02	3.56	1.051.31	1.090.07
	dom-03	-	223.95	656.10
	lun-04	24.63	922.05	1.294.55
	mar-05	42.70	1.098.95	1.485.86
	mié-06	50.73	1.059.25	1.096.67
	jue-07	29.28	920.13	989.14
	vie-08	1.68	1.035.52	1.101.19
	sáb-09	2.12	1.451.67	1.005.65
	dom-10	-	1.021.52	459.43
	lun-11	2.25	879.50	1.137.85
	mar-12	18.87	1.160.75	1.379.15
	mié-13	28.00	992.01	1.040.33
	jue-14	26.28	993.92	894.69
	vie-15	34.41	969.49	1.170.08
	sáb-16	7.08	1.312.47	1.049.16
	dom-17	-	627.51	486.34
	lun-18	26.38	917.79	1.119.93
	mar-19	41.50	1.082.21	1.309.02
	mié-20	17.39	1.238.71	1.015.48
	jue-21	36.36	1.170.08	1.024.56
	vie-22	40.69	991.08	1.010.73
	sáb-23	10.06	1.015.79	1.038.93
	dom-24	0.88	313.69	456.58
	lun-25	16.27	848.22	1.021.13
	mar-26	18.76	1.174.19	1.421.13
	mié-27	36.63	1.134.62	1.004.78
	jue-28	24.91	1.133.76	1.035.78
	vie-29	34.48	1.178.84	1.021.82
	sáb-30	12.18	1.008.01	1.022.55
	dom-31	-	168.53	437.70
TOTAL		588.08	29.685.45	30.665.16
PROMEDIO		18.97	957.60	989.20

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Tabla 2: Resumen de toneladas transferidas, transportadas en la ETS

PERIODO		ESTACIÓN DE TRANSFERENCIA SUR	
Enero			
AÑO	Día	INGRESO (TON)	TRANSPORTADO (TON)
2016	vie-01	367.22	510.12
	sáb-02	997.88	898.37
	dom-03	846.37	222.85
	lun-04	964.18	851.17
	mar-05	1.333.86	884.04
	mié-06	877.10	1.143.37
	jue-07	729.21	1.195.35
	vie-08	801.05	1.134.50
	sáb-09	864.70	862.76
	dom-10	460.94	434.10
	lun-11	826.43	711.23
	mar-12	1.149.26	974.54
	mié-13	842.68	841.08
	jue-14	695.54	812.97
	vie-15	878.38	553.58
	sáb-16	879.13	841.10
	dom-17	532.84	205.34
	lun-18	817.02	912.87
	mar-19	1.140.98	1.212.88
	mié-20	739.81	1.179.44
	jue-21	812.75	889.40
	vie-22	794.77	747.09
	sáb-23	849.38	730.58
	dom-24	498.82	262.07
	lun-25	746.47	672.95
	mar-26	1.182.12	1.196.42
	mié-27	789.73	1.150.64
	jue-28	777.89	1.072.71
	vie-29	833.13	627.40
	sáb-30	795.30	756.43
	dom-31	393.83	242.20
TOTAL		25.218.77	24.729.55
PROMEDIO		813.51	797.73

GERENCIA DE OPERACIONES
 COORDINACIÓN TÉCNICA DE RESIDUOS ORDINARIOS
 INFORME DE GESTIÓN DE TRANSFERENCIA, TRANSPORTE Y DISPOSICIÓN FINAL DE RESIDUOS, TRATAMIENTO DE LIXIVIADO Y TRATAMIENTO DE DESECHOS HOSPITALARIOS

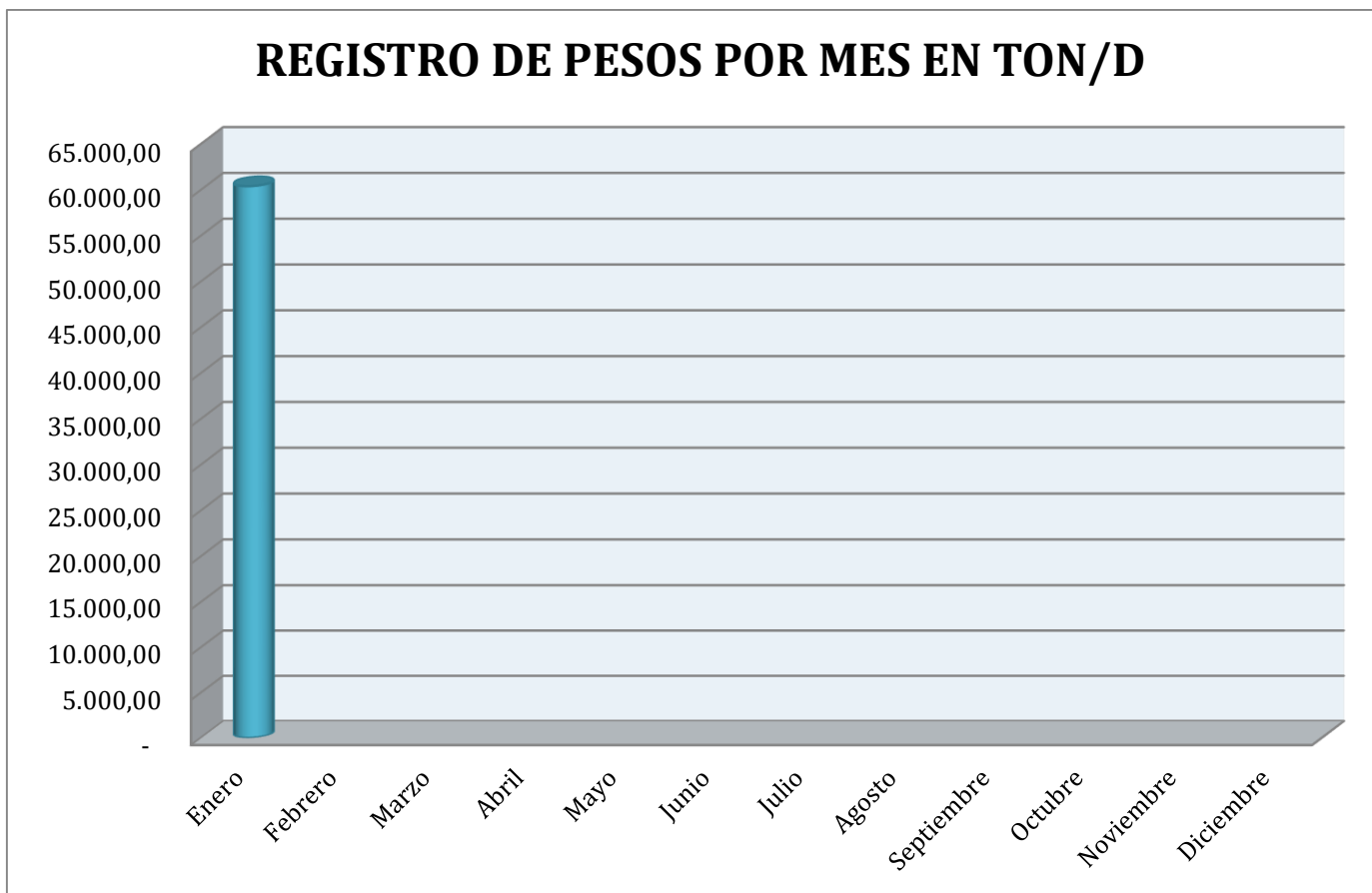
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Tabla 3: Resumen de toneladas dispuestas en el RSQ

DÍA	ESTACIÓN DE TRANSFERENCIA		PARTICULARES, TON/D	EMASEO, TON/D	RUMIÑANUI, TON/D	HOSPITALARIOS, TON/D	OPERACIÓN DEL RELLENO	TOTAL DEPOSITADO, TON/D
	NORTE, TON/D	SUR, TON/D						
vier -01	495.51	431.78	-	6.34	72.37	-	-	1.006.00
sáb - 02	1.074.70	980.01	-	74.57	114.41	-	-	2.243.69
dom - 03	298.96	222.10	-	12.83	106.73	-	-	640.62
lun - 04	875.92	824.63	11.24	85.35	137.92	15.42	1.36	1.951.84
mar - 05	1.043.55	1.039.97	5.87	81.48	127.08	14.89	-	2.312.84
miér - 06	1.055.83	1.060.94	5.45	52.41	100.06	9.81	-	2.284.50
jue - 07	1.004.60	1.219.46	11.07	66.23	95.41	11.26	0.30	2.408.33
vier -08	1.014.27	1.136.74	8.53	30.31	143.76	13.30	-	2.346.91
sáb - 09	1.396.62	916.92	-	81.46	66.55	-	-	2.461.55
dom - 10	1.142.83	408.48	-	10.47	119.79	-	-	1.681.57
lun - 11	860.39	709.06	2.43	58.42	137.42	16.66	0.68	1.785.06
mar - 12	1.071.81	922.16	9.68	98.01	124.77	11.65	-	2.238.08
miér - 13	1.049.62	757.83	4.36	105.04	98.92	12.03	-	2.027.80
jue - 14	1.049.74	813.17	6.40	63.08	98.61	11.20	1.18	2.043.38
vier -15	1.049.91	582.85	11.24	108.17	134.21	14.15	-	1.900.53
sáb - 16	1.210.50	891.52	-	64.81	49.50	-	-	2.216.33
dom - 17	751.43	206.78	-	12.96	129.86	-	-	1.101.03
lun - 18	848.21	858.24	14.93	57.44	115.72	16.49	0.84	1.911.87
mar - 19	1.152.08	1.239.37	7.90	101.37	118.93	11.89	-	2.631.54
miér - 20	1.181.87	1.214.85	2.23	55.82	124.25	12.98	-	2.592.00
jue - 21	1.252.94	818.06	6.01	44.50	98.15	9.90	0.90	2.230.46
vier -22	1.059.63	716.87	9.72	65.38	131.36	14.98	-	1.997.94
sáb - 23	1.049.12	761.50	-	59.01	72.86	-	-	1.942.49
dom - 24	390.93	260.80	-	9.71	116.86	-	-	778.30
lun - 25	784.06	620.42	3.24	46.95	129.42	15.52	0.75	1.600.36
mar - 26	1.186.11	1.228.18	17.36	79.69	109.01	14.28	-	2.634.63
miér - 27	1.181.69	1.094.11	12.80	67.66	109.83	12.58	-	2.478.67
jue- 28	1.086.09	1.058.23	4.55	45.52	99.46	10.20	-	2.304.05
vier -29	1.229.93	622.03	8.27	55.49	130.88	12.84	0.39	2.059.83
sáb - 30	1.022.53	759.86	-	56.16	76.28	-	-	1.914.83
dom - 31	271.97	273.88	-	8.41	113.06	-	-	667.32
TOTAL	30.143.35	24.650.80	163.28	1.765.05	3.403.44	262.03	6.40	60.394.35
PROMEDIO	972.37	795.19	5.27	56.94	109.79	8.45	0.21	1.948.20
MAYOR	1.396.62	1.239.37	17.36	108.17	143.76	16.66	1.36	2.634.63
MENOR	271.97	206.78	-	6.34	49.50	-	-	640.62

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Grafico 1: Registro de pesos por mes



**GERENCIA DE OPERACIONES
COORDINACIÓN TÉCNICA DE RESIDUOS ORDINARIOS
INFORME DE GESTIÓN DE TRANSFERENCIA, TRANSPORTE Y
DISPOSICIÓN FINAL DE RESIDUOS, TRATAMIENTO DE LIXIVIADO Y
TRATAMIENTO DE DESECHOS HOSPITALARIOS**

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2. RESUMEN TRATAMIENTO DE LIXIVIADOS

Tabla 1: Tratamiento de lixiviados

FECHA	VOLUMEN ACUMULADO PISCINAS, m ³	VOLUMEN INGRESO			VOLUMEN TRATADO			
		POR CUBETOS, m ³	* POR PRECIPITACION, m ³	TOTAL INGRESADO	PLANTA PTL, m ³	PLANTA VSEP, m ³	** EVAPORACION, m ³	TOTAL TRATADO, m ⁴
1-ene.-16	57.986.24	173.87	0.00	173.87	0.00	79.73	136.63	216.36
2-ene.-16	57.732.16	325.38	18.28	343.66	208.63	131.16	66.43	406.22
3-ene.-16	58.153.98	210.66	17.21	227.87	185.54	61.22	66.54	313.30
4-ene.-16	58.256.10	307.53	0.00	307.53	0.00	73.72	136.63	210.35
5-ene.-16	57.484.94	292.25	23.23	315.48	234.85	136.42	87.89	459.16
6-ene.-16	57.162.35	291.29	30.76	322.05	233.06	156.25	86.85	476.16
7-ene.-16	57.334.13	307.53	32.05	339.58	265.07	176.56	86.67	528.30
8-ene.-16	57.416.79	291.29	38.51	329.79	0.00	118.67	85.79	204.46
9-ene.-16	57.573.64	230.86	41.30	272.16	9.93	160.97	64.05	234.95
10-ene.-16	57.275.38	215.65	151	217.16	274.66	68.73	136.31	479.70
11-ene.-16	57.381.10	199.65	23.88	223.52	265.45	17.59	87.80	370.83
12-ene.-16	57.450.26	229.48	108	230.56	208.07	167.10	136.40	511.58
13-ene.-16	57.290.46	391.02	24.09	415.11	248.58	168.61	87.77	504.96
14-ene.-16	57.123.96	342.26	0.43	342.69	125.88	170.26	91.02	387.17
15-ene.-16	57.093.92	219.75	0.00	219.75	231.23	153.79	136.63	521.64
16-ene.-16	56.875.40	362.08	108	363.16	186.26	133.86	136.40	456.52
17-ene.-16	56.630.81	376.61	0.00	376.61	248.35	60.28	136.63	445.26
18-ene.-16	56.563.47	289.78	0.00	289.78	228.97	77.71	136.63	443.30
19-ene.-16	56.513.59	295.08	0.00	295.08	235.49	135.20	136.63	507.31
20-ene.-16	56.341.81	291.31	0.00	291.31	239.00	134.77	136.63	510.39
21-ene.-16	56.286.35	244.15	0.00	244.15	234.10	130.00	136.63	500.72
22-ene.-16	55.939.69	256.14	0.65	256.79	236.76	131.24	136.49	504.49
23-ene.-16	55.889.72	257.53	0.00	257.53	222.30	0.00	136.63	358.93
24-ene.-16	55.914.26	241.50	6.88	248.39	233.96	0.00	135.20	369.16
25-ene.-16	56.437.56	219.41	27.10	246.51	224.50	44.41	131.03	399.94
26-ene.-16	56.145.90	274.34	0.22	274.56	221.29	44.41	91.05	356.75
27-ene.-16	55.623.80	265.48	0.00	265.48	226.54	168.80	136.63	531.97
28-ene.-16	55.123.95	315.83	0.00	315.83	233.18	164.17	136.63	533.98
29-ene.-16	54.870.96	244.41	0.00	244.41	257.24	169.92	136.63	563.79
30-ene.-16	54.625.47	323.59	0.00	323.59	244.16	163.78	136.63	544.56
31-ene.-16	54.419.92	331.08	0.65	331.72	250.15	145.14	90.99	486.28
TOTAL	54.419.92	8.616.78	288.90	8.905.68	6.213.19	3.544.47	3.580.83	13.122.13
PROMEDIO		277.96	9.32	287.28	200.43	114.34	115.51	430.27

* VALOR TOMADO PLUVIOSIDAD MENSUAL DEL INHAMI (PRECIPITACIONES DE CORTA DURACIÓN)

** VALOR TEÓRICO CALCULADO TOMANDO EN CUENTA CONDICIONES CLIMÁTICAS, HUMEDAD Y ALTITUD EN EL RSQ EN LAS PISCINAS DE ALMACENAMIENTO DE LIXIVIADOS

LA PLANTA PTL REGISTRA DÍAS DONDE SE REALIZA MANTENIMIENTO.

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Diagrama 1: Volumen acumulado en piscinas

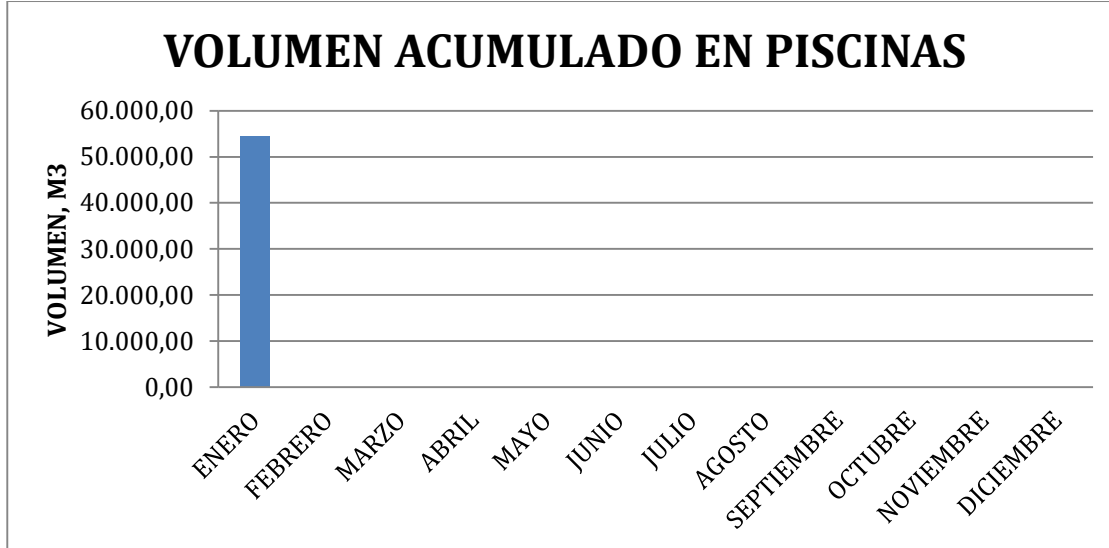
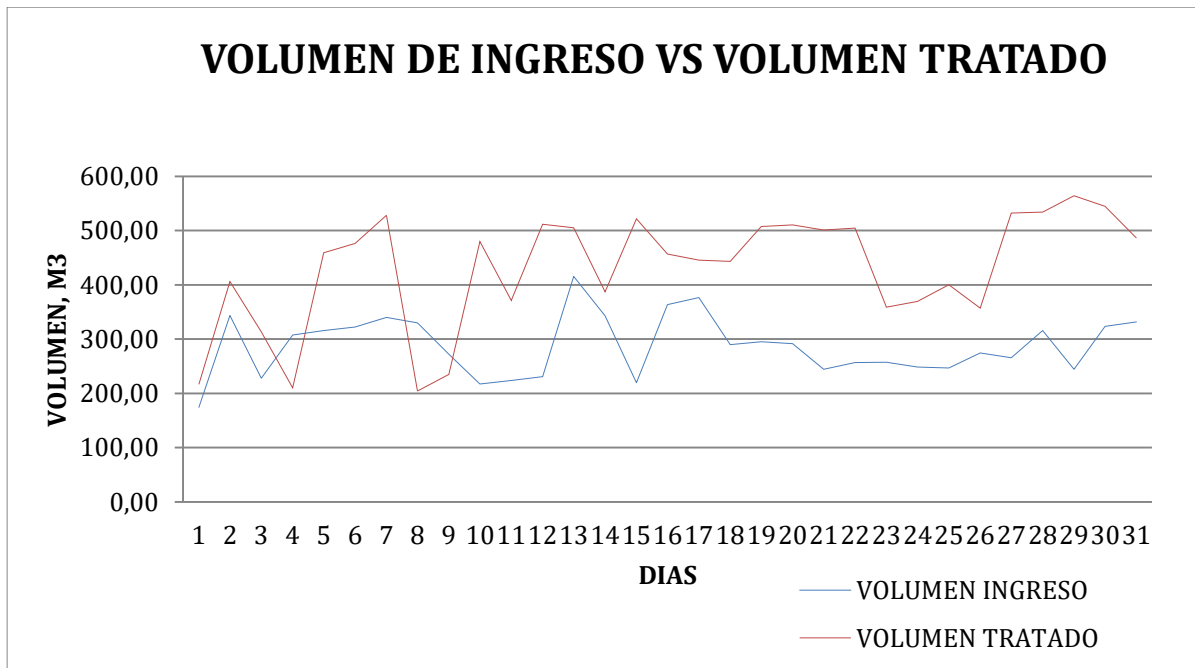


Diagrama 2: Volumen de ingreso vs volumen tratado



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3. RESUMEN TRATAMIENTO DESECHOS HOSPITALARIOS

Tabla 1: Tratamiento de desechos hospitalarios

No. Dias Trabajados	FECHA	KILOGRAMOS INGRESADOS	KILOGRAMOS TRATADOS
1	4/1/2016	18.640,00	15.420,00
2	5/1/2016	10.930,00	14.890,00
3	6/1/2016	9.640,00	9.810,00
4	7/1/2016	10.990,00	11.260,00
5	8/1/2016	12.620,00	13.300,00
6	11/1/2016	17.750,00	16.660,00
7	12/1/2016	10.360,00	11.650,00
8	13/1/2016	11.920,00	12.030,00
9	14/1/2016	10.870,00	11.200,00
10	15/1/2016	13.520,00	14.150,00
11	18/1/2016	17.740,00	16.490,00
12	19/1/2016	9.860,00	11.890,00
13	20/1/2016	12.710,00	12.980,00
14	21/1/2016	9.610,00	9.900,00
15	22/1/2016	13.520,00	14.980,00
16	25/1/2016	17.910,00	15.520,00
17	26/1/2016	11.320,00	14.280,00
18	27/1/2016	12.240,00	12.580,00
19	28/1/2016	9.910,00	10.200,00
20	29/1/2016	12.600,00	12.840,00
TOTAL Kg.		254.660,00	262.030,00
PROMEDIO DIARIO		12.733,00	13.101,50

Ing. John Bonifaz
 COORDINADOR TÉCNICO DE RESIDUOS ORDINARIOS