

INFORME DE OPERACIONES DEL RELLENO SANITARIO EL INGA ESTACIONES DE TRANSFERENCIA NORTE Y SUR

EMPRESA PÚBLICA METROPOLITANA DE GESTIÓN INTEGRAL DE RESIDUOS SÓLIDOS

SEPTIEMBRE - 2014

1.1 RESIDUOS SÓLIDOS URBANOS INGRESADOS AL RELLENO SANITARIO

Av. Shyris N41-151 e Isla Floreana, Ed. Axios PB | PBX: 023930600. | www.emgirs.gob.ec | contactos@emgirs.gob.ec

Quito – Ecuador

sep-14			
FECHA	DISTRITO (Ton)	RUMIÑAHUI (Ton)	TOTAL RSU QUE INGRESAN A DISPOSICION (Ton)
01-sep-14	1,762.67	134.43	1,897.10
02-sep-14	2,624.29	121.71	2,746.00
03-sep-14	2,207.95	128.04	2,335.99
04-sep-14	1,863.67	92.53	1,956.20
05-sep-14	1,929.51	105.65	2,035.16
06-sep-14	1,871.09	62.92	1,934.01
07-sep-14	775.03	105.34	880.37
08-sep-14	1,593.52	114.42	1,707.94
09-sep-14	2,388.88	101.73	2,490.61
10-sep-14	1,927.54	91.32	2,018.86
11-sep-14	1,670.72	87.76	1,758.48
12-sep-14	1,753.75	112.04	1,865.79
13-sep-14	1,916.49	75.98	1,992.47
14-sep-14	791.01	86.80	877.81
15-sep-14	1,587.52	106.20	1,693.72
16-sep-14	2,327.00	119.06	2,446.06
17-sep-14	2,024.80	112.83	2,137.63
18-sep-14	1,730.82	86.28	1,817.10
19-sep-14	1,798.87	118.79	1,917.66
20-sep-14	1,904.50	63.79	1,968.29
21-sep-14	858.84	91.27	950.11
22-sep-14	1,777.69	116.29	1,893.98
23-sep-14	2,499.90	115.48	2,615.38
24-sep-14	2,045.99	98.68	2,144.67
25-sep-14	1,811.58	99.90	1,911.48
26-sep-14	1,788.50	106.91	1,895.41
27-sep-14	1,898.94	60.18	1,959.12
28-sep-14	803.27	104.35	907.62
29-sep-14	1,649.74	124.38	1,774.12
30-sep-14	2,560.91	107.98	2,668.89
TOTAL			57,198.03

1.2 RESIDUOS SÓLIDOS URBANOS INGRESADOS A LAS ESTACIONES DE TRANSFERENCIA NORTE Y SUR

PERIODO		ESTACION DE TRANSFERENCIA NORTE			ESTACION DE TRANSFERENCIA SUR	
septiembre						
AÑO	Día	TRANSPORT ADO (TON)	RECICLADO (TON)	INGRESO (TON)	TRANSPORT ADO (TON)	INGRESO (TON)
2014	lun-01	1,097.67	6.00	1,097.11	676.50	729.43
	mar-02	1,595.25	13.83	1,532.20	980.06	995.81
	mié-03	1,122.21	23.52	1,061.38	779.33	680.76
	jue-04	1,095.25	13.20	1,125.64	666.89	701.05
	vie-05	1,078.53	17.40	1,049.95	722.12	772.67
	sáb-06	1,039.50	-	1,086.66	741.08	734.11
	dom-07	367.30	5.00	502.68	343.41	305.20
	lun-08	930.88	7.00	1,109.27	660.40	738.99
	mar-09	1,259.70	7.00	1,544.94	998.12	1,006.00
	mié-10	966.79	9.50	1,164.04	797.42	717.35
	jue-11	895.27	7.53	1,171.25	629.23	667.89
	vie-12	974.22	10.50	1,148.68	700.78	709.87
	sáb-13	984.69	-	1,226.31	787.80	797.39
	dom-14	310.27	-	477.72	363.93	295.09
	lun-15	1,002.36	14.26	1,039.27	665.99	733.77
	mar-16	1,304.30	36.49	1,332.28	916.40	977.72
	mié-17	968.70	10.60	998.91	807.65	700.49
	jue-18	983.47	20.60	1,104.87	761.01	720.49
	vie-19	877.74	21.31	877.30	697.99	800.46
	sáb-20	1,110.87	-	755.07	820.43	793.96
	dom-21	418.97	-	545.71	340.84	318.02
	lun-22	1,033.07	5.43	902.93	763.49	807.87
	mar-23	1,407.25	6.00	1,582.80	1,013.37	1,032.89
	mié-24	959.06	12.50	1,088.92	819.50	818.12
	jue-25	939.84	10.00	1,132.73	783.11	722.06
	vie-26	980.87	14.71	1,099.29	715.26	778.22
	sáb-27	1,004.18	-	1,080.82	799.65	730.08
	dom-28	354.81	-	393.31	335.88	349.39
	lun-29	927.35	3.61	937.33	688.84	755.25
	mar-30	1,397.50	32.23	1,390.33	1,084.43	1,071.43
TOTAL		29,387.87	308.22	31,559.70	21,860.91	21,961.83
PROMEDIO		979.60	10.27	1,051.99	728.70	732.06

1.3 DESECHOS HOSPITALARIOS

N° DIAS TRABAJADOS	FECHA	TONELADAS INGRESADAS	TONELADAS TRATADAS
1	01/09/2014	15.46	13.71
2	02/09/2014	10.42	8.33
3	03/09/2014	9.79	5.93
4	04/09/2014	9.16	8.74
5	05/09/2014	10.26	12.89
6	08/09/2014	16.89	13.78
7	09/09/2014	10.34	11.67
8	10/09/2014	10.83	9.78
9	11/09/2014	9.29	12.81
10	12/09/2014	11.07	9.15
11	15/09/2014	17.47	18.02
12	16/09/2014	9.91	11.05
13	17/09/2014	9.94	9.23
14	18/09/2014	9.49	11.82
15	19/09/2014	10.48	10.59
16	22/09/2014	18.49	11.24
17	23/09/2014	10.47	15.72
18	24/09/2014	10.62	10.82
19	25/09/2014	9.32	12.63
20	26/09/2014	10.70	11.36
21	29/09/2014	16.58	14.60
22	30/09/2014	11.06	12.19
TOTAL		258.04	256.06
PROMEDIO DIARIO		11.76	11.61

1.4 VOLÚMENES INGRESADOS Y TRATADOS DE LIXIVIADO

RESUMEN DEL MES DE SEPTIEMBRE VOLUMENES DE LAS PISCINAS Y VOLUMENES TRATADOS

FECHA	VOLUMEN ACUMULADO, m ³	INGRESO POR CUBETOS	PLANTA PTL	PLANTA MBR	PLANTA VSEP	TRATAMIENTO	VARIABLES DE OPERACIÓN		
		VOLUMEN INGRESADO, m ³	VOLUMEN PRE-TRATADO, m ³ (2)	VOL TRATADO OSMOSIS, m ³	VOLUMEN TRATADO VSEP, m ³	VOL TOTAL TRATADO: OSMOSIS + VSEP m ³	VOLUMEN INGRESA POR AGUA LLUVIA + AGUA LIMPIA m ³ (3)	VOLUMEN SALIDA POR ASPERSION Y EVAPORACION EN PISCINAS (2)	VOLUMEN DE SALIDA POR ASPERSION EN CUBETOS (1)
1-sep-14	89,116.76	336.23	0.00	43.38	4.80	48.18	1.59	255.58	74.67
2-sep-14	88,939.44	356.75	5.10	18.64	186.77	205.41	1.59	255.58	74.67
3-sep-14	88,774.79	350.27	0.00	22.69	180.91	203.60	1.59	255.58	57.33
4-sep-14	88,618.95	344.02	0.00	22.97	146.10	169.07	1.59	255.58	76.80
5-sep-14	88,400.60	325.51	0.00	45.76	178.78	224.54	1.59	255.58	65.33
6-sep-14	88,209.21	336.24	0.00	26.66	181.65	208.31	1.59	255.58	65.33
7-sep-14	88,037.62	340.61	0.00	30.13	160.11	190.24	1.59	255.58	67.97
8-sep-14	87,905.24	368.01	0.00	60.79	123.64	184.43	1.59	255.58	61.97
9-sep-14	87,800.11	400.22	0.00	19.96	152.47	172.43	1.59	255.58	78.93
10-sep-14	87,700.78	355.26	0.00	16.00	114.09	130.09	1.59	255.58	70.51
11-sep-14	87,616.21	349.05	0.00	26.19	64.11	90.30	1.59	255.58	89.33
12-sep-14	87,407.91	337.07	0.00	27.50	179.88	207.38	1.59	255.58	84.00
13-sep-14	87,231.19	343.58	0.00	10.38	166.81	177.19	1.80	255.58	89.33
14-sep-14	87,088.23	357.12	0.00	0.00	167.11	167.11	1.80	255.58	79.20
15-sep-14	86,937.48	346.21	0.00	29.06	170.92	199.98	1.80	255.58	43.20
16-sep-14	86,948.32	415.07	0.00	24.50	43.28	67.78	1.80	255.58	82.67
17-sep-14	86,760.15	353.30	0.00	25.71	188.91	214.62	1.80	255.58	73.07
18-sep-14	86,608.96	353.18	0.00	22.22	158.24	180.46	1.80	255.58	70.13
19-sep-14	86,415.34	350.52	0.00	31.75	183.15	214.90	1.80	255.58	75.47
20-sep-14	86,255.82	357.92	0.00	23.63	168.30	191.93	1.80	255.58	71.73
21-sep-14	86,127.43	348.07	0.00	27.44	121.11	148.55	1.80	255.58	74.13
22-sep-14	86,158.93	363.73	0.00	9.78	12.67	22.45	1.80	255.58	56.00
23-sep-14	85,985.08	360.04	0.00	29.76	194.08	223.84	1.80	255.58	56.27
24-sep-14	86,107.85	501.37	0.00	55.30	13.00	68.30	1.80	255.58	56.53
25-sep-14	86,245.25	501.37	0.00	49.88	2.78	52.66	1.80	255.58	57.53
26-sep-14	86,365.24	479.72	0.00	48.72	0.00	48.72	1.80	255.58	57.23
27-sep-14	86,497.80	535.43	0.00	50.42	0.00	50.42	1.80	255.58	98.67
28-sep-14	86,752.63	653.93	0.00	55.68	0.00	55.68	1.80	255.58	89.65
29-sep-14	86,912.92	540.40	0.00	42.06	0.00	42.06	1.80	255.58	84.27
30-sep-14	87,144.29	606.54	0.00	46.46	0.00	46.46	1.80	255.58	74.93
TOTAL		11,966.74	5.10	943.42	3,263.67	4,207.09	51.47	7,667.35	2,156.85
PROMEDIO	87,235.68	398.89	0.17	31.45	108.79	140.24	1.72	255.58	71.90

(1) VOLUMEN DE LIXIVIADO DEL SISTEMA DE ASPERSION EN LOS CUBETOS DE DISPOSICION. VOLUMEN TOMANDO EN CUENTA HORAS DE BOMBEO

(2) VALOR TEORICO TOMANDO EN CUENTA ALTITUD, PLUVIOSIDAD, RADIACION SOLAR DEL RSQ

(3) VALOR DE PLUVIOSIDAD TOMADO DEL PLUVIOMETRO DE EMMAPS INSTALADO EN EL RSQ

(3) VALOR DE AGUA QUE INGRESA AL SISTEMA PARA LAVADO DE LAS PLANTAS DE TRATAMIENTO DE LIXIVIADO

Ing. John Bonifaz Toapanta
COORDINADOR TÉCNICO DE RESIDUOS ORDINARIOS