

# PAUL E. COOK AND ASSOCIATES

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December 3, 2007

Jerry Moffatt  
Rainbow Disposal Company, Inc.  
P.O. Box 1026  
Huntington Beach, CA 92647-1026

Subject: Parking Analysis, Rainbow Disposal Build-Out Project

Dear Mr. Moffatt,

The following is an analysis of parking conditions at Rainbow Disposal in the City of Huntington Beach. This analysis was prepared because of proposed changes in building conditions and operations at Rainbow Disposal including covering current open air operations with new buildings; three can pickup system; and increased transfer station tonnage.

## **CITY PARKING REQUIREMENTS**

This study is based on a land use classification of Utilities, Major as shown in Schedule A, Section 231.04 of the City's Zoning Code. This classification allows parking requirements for a major utility to be based on need which would include the number of spaces required for employees per shift; the number of parking spaces required for visitors; and spaces needed for vehicular equipment on-site.

## **AVAILABLE PARKING**

- There are 283 existing spaces on-site.
- There will be 250 parking spaces on-site at Rainbow Disposal upon build-out.

## **CURRENT PARKING DEMAND**

- A parking survey was conducted at Rainbow Disposal on during the week of February 20, 2006.
- Table I provides a summary of the current demand for parking spaces at Rainbow Disposal.
- The maximum total hourly demand for parking in the survey was 256 spaces on Wednesday, February 22, 2006 at 9:30 am.
- There is a surplus of 27 on-site parking spaces to meet the current maximum demand.

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#### **BUILD-OUT PARKING DEMAND**

- Table II provides a summary of the projected demand for parking spaces at Rainbow Disposal upon build-out.
- A reduction of 25 employees per shift in the MRF and the reduction of eight fleet trucks due to the three can pickup system will decrease parking demand from existing conditions.
- Increased tonnage in the transfer station will not affect required parking because the number of employees will remain the same or be reduced due to automation efficiencies.
- The maximum total hourly demand for parking in the projected analysis was 233 spaces on a Wednesday at 9:30 am.
- It is projected that there will be a surplus of 17 on-site parking spaces to meet the maximum demand upon build-out.

#### **CONCLUSION**

- The provided on-site parking spaces at Rainbow Disposal exceed the maximum parking demand currently and upon build-out.

Please contact me at (714) 960-8298 or [pcook2@soocal.rr.com](mailto:pcook2@soocal.rr.com) if you have any questions.

Sincerely,



Paul E. Cook

President

cc: Chip Clements

Dick Harlow



# RAINBOW DISPOSAL

PARKING SURVEY (FEB 2006)

	6:30	7:30	8:30	9:30	10:30	11:30	12:30	1:30	2:30		3:30	4:30	5:30	6:30
<b>MONDAY</b>														
NORTH LOT	23	25	25	27	29	29	28	32	39		19	15	15	13
CARPOOL LOT	6	10	14	23	26	26	25	25	23		23	21	8	2
SOUTH LOT	73	93	94	94	94	94	94	94	93		42	40	38	40
STREET	12	31	36	41	41	42	43	42	43		27	19	16	7
RAINBOW VEHICLES	47	26	26	63	27	11	11	16	11		11	29	94	94
<b>TOTALS</b>	<b>161</b>	<b>185</b>	<b>195</b>	<b>248</b>	<b>217</b>	<b>202</b>	<b>201</b>	<b>209</b>	<b>209</b>		<b>122</b>	<b>124</b>	<b>171</b>	<b>156</b>
<b>TUESDAY</b>														
NORTH LOT	25	26	28	31	31	30	25	27	31		19	15	15	13
CARPOOL LOT	8	14	25	30	30	29	28	32	30		23	21	8	2
SOUTH LOT	80	83	95	95	95	95	95	94	94		42	40	38	40
STREET	21	36	41	44	46	47	48	48	47		27	19	16	7
RAINBOW VEHICLES	31	10	10	48	40	10	38	19	10		64	73	94	94
<b>TOTALS</b>	<b>165</b>	<b>169</b>	<b>199</b>	<b>248</b>	<b>242</b>	<b>211</b>	<b>234</b>	<b>220</b>	<b>212</b>		<b>175</b>	<b>168</b>	<b>171</b>	<b>156</b>
<b>WEDNESDAY</b>														
NORTH LOT	22	31	31	32	32	33	29	32	30		21	29	14	13
CARPOOL LOT	5	9	19	29	27	28	29	29	25		25	21	5	2
SOUTH LOT	85	94	95	95	95	95	95	95	92		43	26	39	37
STREET	22	34	43	47	46	47	49	47	36		29	20	11	9
RAINBOW VEHICLES	29	10	19	53	26	10	38	10	10		45	64	94	94
<b>Totals</b>	<b>163</b>	<b>178</b>	<b>207</b>	<b>256</b>	<b>226</b>	<b>213</b>	<b>240</b>	<b>213</b>	<b>193</b>		<b>163</b>	<b>160</b>	<b>163</b>	<b>155</b>
<b>THURSDAY</b>														
NORTH LOT	24	27	29	32	34	33	29	30	31		20	19	16	13
CARPOOL LOT	9	11	19	28	27	28	28	33	29		27	25	6	4
SOUTH LOT	88	95	95	95	95	95	95	95	74		44	40	48	44
STREET	24	37	40	47	47	47	48	50	37		28	19	14	8
RAINBOW VEHICLES	29	10	19	53	26	10	38	10	35		45	64	94	94
<b>TOTALS</b>	<b>174</b>	<b>180</b>	<b>202</b>	<b>255</b>	<b>229</b>	<b>213</b>	<b>238</b>	<b>218</b>	<b>206</b>		<b>164</b>	<b>167</b>	<b>178</b>	<b>163</b>
<b>FRIDAY</b>														
NORTH LOT	25	37	35	37	39	39	37	36	46		28	21	14	12
CARPOOL LOT	8	10	27	27	26	26	27	25	27		29	23	5	3
SOUTH LOT	84	91	94	94	95	95	95	94	95		74	47	39	36
STREET	19	32	34	38	37	38	39	39	42		40	24	14	7
RAINBOW VEHICLES	29	10	19	53	26	10	38	10	30		64	78	94	94
<b>TOTALS</b>	<b>165</b>	<b>180</b>	<b>209</b>	<b>249</b>	<b>223</b>	<b>208</b>	<b>236</b>	<b>204</b>	<b>240</b>		<b>235</b>	<b>193</b>	<b>166</b>	<b>152</b>

TABLE I

# RAINBOW DISPOSAL

PARKING SURVEY (Projected)

	6:30	7:30	8:30	9:30	10:30	11:30	12:30	1:30	2:30		3:30	4:30	5:30	6:30
<b>MONDAY</b>														
NORTH LOT	23	25	25	27	29	29	28	32	39		19	15	15	13
CARPOOL LOT	6	10	14	23	26	26	25	25	23		23	21	8	2
SOUTH LOT	73	93	94	94	94	94	94	94	93		42	40	38	40
STREET	12	14	19	24	24	25	26	25	26		27	19	16	7
RAINBOW VEHICLES	41	20	20	57	21	5	5	10	5		5	23	88	88
<b>TOTALS</b>	<b>155</b>	<b>162</b>	<b>172</b>	<b>225</b>	<b>194</b>	<b>179</b>	<b>178</b>	<b>186</b>	<b>186</b>		<b>116</b>	<b>118</b>	<b>165</b>	<b>150</b>
<b>TUESDAY</b>														
NORTH LOT	25	26	28	31	31	30	25	27	31		19	15	15	13
CARPOOL LOT	8	14	25	30	30	29	28	32	30		23	21	8	2
SOUTH LOT	80	83	95	95	95	95	95	94	94		42	40	38	40
STREET	21	19	24	27	29	30	31	31	30		27	19	16	7
RAINBOW VEHICLES	25	4	4	32	34	4	32	13	4		58	67	88	88
<b>TOTALS</b>	<b>159</b>	<b>146</b>	<b>176</b>	<b>215</b>	<b>219</b>	<b>188</b>	<b>211</b>	<b>197</b>	<b>189</b>		<b>169</b>	<b>162</b>	<b>165</b>	<b>150</b>
<b>WEDNESDAY</b>														
NORTH LOT	22	31	31	32	32	33	29	32	30		21	29	14	13
CARPOOL LOT	5	9	19	29	27	28	29	29	25		25	21	5	2
SOUTH LOT	85	94	95	95	95	95	95	95	92		43	26	39	37
STREET	22	17	26	30	29	30	32	30	19		29	20	11	9
RAINBOW VEHICLES	23	4	13	47	20	4	32	4	4		39	58	88	88
<b>Totals</b>	<b>157</b>	<b>155</b>	<b>184</b>	<b>233</b>	<b>203</b>	<b>190</b>	<b>217</b>	<b>190</b>	<b>170</b>		<b>157</b>	<b>154</b>	<b>157</b>	<b>149</b>
<b>THURSDAY</b>														
NORTH LOT	24	27	29	32	34	33	29	30	31		20	19	16	13
CARPOOL LOT	9	11	19	28	27	28	28	33	29		27	25	6	4
SOUTH LOT	88	95	95	95	95	95	95	95	74		44	40	48	44
STREET	24	20	23	30	30	30	31	33	20		28	19	14	8
RAINBOW VEHICLES	23	4	13	47	20	4	32	4	29		39	58	88	88
<b>TOTALS</b>	<b>168</b>	<b>157</b>	<b>179</b>	<b>232</b>	<b>206</b>	<b>190</b>	<b>215</b>	<b>195</b>	<b>183</b>		<b>158</b>	<b>161</b>	<b>172</b>	<b>157</b>
<b>FRIDAY</b>														
NORTH LOT	25	37	35	37	39	39	37	36	46		28	21	14	12
CARPOOL LOT	8	10	27	27	26	26	27	25	27		29	23	5	3
SOUTH LOT	84	91	94	94	95	95	95	94	95		74	47	39	36
STREET	19	15	17	21	20	21	22	22	25		23	24	14	7
RAINBOW VEHICLES	23	4	13	47	20	4	32	4	24		58	72	88	88
<b>TOTALS</b>	<b>159</b>	<b>157</b>	<b>186</b>	<b>226</b>	<b>200</b>	<b>185</b>	<b>213</b>	<b>181</b>	<b>217</b>		<b>212</b>	<b>187</b>	<b>160</b>	<b>146</b>

TABLE II