

ONAN - Nanakuli Beach Park

Date first used	Nanakuli Beach Park ONAN 1-1		Survey Dates										
			8/15/94	1/27/95	9/15/95	3/30/96	8/20/96	2/9/97	8/5/97	12/30/97	7/28/98	1/30/99	7/14/99
8/15/94	<b>RP#1 **</b>	Crack in lightpost base	RP#1	RP1	FRP	FRP	FRP	FRP	FRP	FRP	FRP	FRP	FRP
8/15/94	<b>RP#2</b>	"V" on park drive post	RP#2	-	BRP	BRP	BRP	BRP	BRP	BRP	BRP	BRP	BRP
8/15/94	<b>RP#3</b>	Indwd post for vehicle beach access	RP#3	-	RP3	-	-	-	-	-	SRP2	-	-
8/15/94	<b>RP#4</b>	Restroom shower crack	RP#4	RP4	RP4	FSRP	*SRP	SRP	SRP	SRP	SRP	SRP	SRP
8/15/94	<b>RP#5</b>	Corner of concrete in play area	RP#5	-	-	-	-	-	-	-	-	-	-
8/15/94	<b>RP#6</b>	Swd post for vehicle beach access	-	RP6	-	-	-	-	-	-	-	-	-
2/26/96	<b>RP#7</b>	chip on wall, Indwd side of depression	-	-	-	-	-	-	-	-	-	-	-
2/26/96	<b>RP#8 *</b>	Top stone pillar, W base of stairs	-	-	-	GP1	-	-	GPS	-	-	-	-
	<b>Start of Line bearing</b>		by.HWY	base.light	Indwd.rd	base.light	base.light	swd.drive	base.BRP	swd.drive	base.BRP	AT.BRP	
			-	-	-	218°	215°	218°	218°	218°	226°		
* = new PK nail or other marker													
<b>LOCATION:</b>	Kalaniana'ole Beach Park off Farrington Hwy. at the S end of Nanakuli town. The line is located S of the buildings and N of the campsites.												
<b>LINE-UP:</b>	Defined by lightpost on grass S of restrooms and the 4th waist-high post (seaward side of the park road) N of the chained driveway												
<b>RP#1</b>	Junction of crack and curve on seaward side of lightpole base ~20m S of the restroom												
<b>RP#2</b>	Apex of "V" shape (from welded metal) pointing landward on top of 4th post N from driveway on seaward side of park road												
<b>RP#3</b>	Top/center of Indwd post of 2 supporting chain across vehicle beach access; flanked by low stone walls; 25m Indwd of guard tower.												
<b>RP#4</b>	Nail in S concrete border of restroom; 10cm from line/crack, 1.6m swd and 1.7m E of corner of RR wall. NAIL LOST 8/20/96; USE DIVOT												
<b>RP#5</b>	Nail set in squishy concrete 50cm in from center of curve forming S- seaward corner of twirly slide play area landward of swings												
<b>RP#6</b>	Top/center of swd post of 2 supporting chain across vehicle beach access; flanked by low stone walls; 25m Indwd of guard tower.												
<b>RP#7</b>	Chip on top of low wall (20' swd of park road), swd of line of chain posts; point is 31 paces from E end of wall at access to depression												
<b>RP#8</b>	Chip in top/center of low, square, concrete-topped pillar on W side of bottom of stairs leading from the depression.												
<b>GPS1</b>	NAN1 (aka NRP1) = RP7; never surveyed using EDM. New divot on surface of new wall, 20' seaward of park road (old BRP gone)												
<b>GPS2</b>	NAN2 (aka NRP2) = RP8; New RP: top/center of north small stone pillar at base of stairs. Deep divot on top of pillar												
<b>NOTES:</b>													
2/26/96	GPS Survey.												
	GPS Positions	Longitude	Latitude	Elevation (meters above local tidal datum)									
	NAN1	-158.141922	21.377722	4.028									
	NAN2	-158.141983	21.377403	3.351									
	* Primary GPS for elevation control: RP8/GPS2/NAN2/SRP = 3.351												
	** Primary survey RP: RP1/FRP = 5.705												