

ECO LOGICAL RESEARCH, Inc.					
TUCANNON WATERSHED CONTROL NETWORK					
SURVEY BY BRYAN LAND SURVEYING, LLC					
HORIZONTAL COORDINATES: UTM, ZONE 11 NORTH, NAD 1983(2007)					
VERTICAL DATUM: NAVD 1988					
UNITS: METERS					
GEOID 2009 (CONUS) MODEL FOR ORTHOMETRIC HEIGHTS (ELEVATIONS)					
MONUMENT	NORTHING	EASTING	ELEVATION	PT#	SURVEY NOTES
TUC-01	5150401.608	425306.395	291.202	1	
TUC-02	5146443.808	430389.924	339.707	2	
TUC-03	5143464.374	442624.615	458.501	3	
TUC-04	5126654.077	449588.562	709.727	4	
TUC-06	5131955.488	447901.626	637.411	6	
TUC-07	5123318.642	448524.884	790.557	7	
TUC-08	5135220.308	446796.122	583.046	8	
TUC-09	5138469.689	444249.361	522.612	9	
TUC-10	5141014.734	443873.011	486.995	10	
TUC-11	5119710.414	444184.142	863.624	11	
TUC-12	5148624.695	426227.591	298.589	12	CONTROL
SAME AS 12	5148624.691	426227.588	298.619	13	CHECK
TUC-14	5150596.734	420365.161	244.932	14	
TUC-15	5151416.551	415537.576	211.374	15	
432587-BM 3					NO FIX
432587-BM204	5143145.849	442502.263	450.704	100	
432587-BM2	5143132.185	442538.336	451.121	101	
432587-BM205	5143137.082	442539.729	451.104	102	
072139-BM1					NO FIX
072139-BM3	5143388.592	442054.925	445.441	103	ROUGH
072139-BM2	5143406.315	442022.283	444.927	104	ROUGH
072139-BM301	5143436.469	442040.451	445.286	105	
072139-BM302	5143426.059	442094.519	445.632	106	
203211-CP203	5143781.344	440347.782	427.419	107	
203211-CP202	5143721.888	440307.628	426.117	108	SANK 3cm+/-
203211-BM1	5143715.154	440238.258	428.264	109	
203211-BM204	5143700.746	440266.577	428.385	110	

203211-BM2	5143705.989	440269.741	426.344	111	
203211-BM3	5143672.118	440312.667	428.169	112	
465355-BM302	5143445.263	441104.731	436.363	113	
465355-BM301	5143412.979	441213.859	438.131	114	
465355-BM303	5143452.048	441363.474	438.945	115	
141771-BM203					NOT SHOT
141771-BM202	5144075.053	439322.246	415.704	116	
141771-BM201	5144083.459	439308.191	415.631	117	
141771- REBAR	5144073.272	439306.579	415.894	118	
170443-BM202	5142473.689	443411.826	467.769	119	
170443-BM201	5142514.821	443475.892	465.951	120	
170443-BM203	5142669.193	443339.479	462.915	121	
214475-BM302	5141265.382	444159.021	482.681	122	
214475-BM301	5141232.439	444143.679	482.622	123	
214475-BM303	5141227.111	444167.561	481.251	124	
208767-BM3	5140869.991	443554.037	489.821	125	
208767-BM2	5140900.268	443549.171	488.688	126	
208767-BM1	5140924.046	443586.839	488.638	127	
339839-BM3	5139893.281	443228.632	503.438	128	SEE 192&193
339839-BM204	5140029.375	443191.007	501.911	129	
339839-BM205	5140061.051	443175.049	501.449	130	
178047-BM1	5138514.327	444561.329	524.439	131	
178047-BM2	5138546.267	444556.289	523.672	132	
178047-BM3					NO FIX
079743-BM301	5136968.397	446516.481	558.941	133	
079743-BM302	5137015.872	446478.336	558.661	134	
079743-BM303	5136945.034	446450.777	559.307	135	
522111-BM201	5133511.409	447270.707	602.241	136	
522111-BM203	5133472.465	447297.493	602.837	137	
522111-BM202	5133500.081	447251.212	602.092	138	
248063-BM2	5132819.771	447549.482	612.649	139	
248063-BM205	5132867.003	447537.059	612.195	140	
248063-BM204	5132851.254	447546.631	612.046	141	
248063-WDFW	5132857.857	447520.062	611.867	142	
248063-BM3	5132804.588	447511.537	612.224	143	
248063-BM1	5132761.416	447487.2627	614.401	144	
276351-BM201	5131649.642	447645.044	628.432	145	
276351-BM202	5131681.133	447659.769	628.222	146	
276351-BM203	5131629.361	447672.588	629.181	147	

010495-BM201	5130652.552	448235.716	645.009	148	
010495-BM202	5130623.318	448229.384	646.104	149	
010495-BM203	5130590.076	448260.959	645.549	150	

460671-BOS U1	5129587.021	448935.742	663.094	151	
460671-BM204					NO FIX
460671-BM205	5129566.372	448937.527	665.036	152	
460671-BM206	5129533.078	448965.285	664.395	153	
460671-BM207	5129544.594	448991.044	663.885	154	
460671-BM3	5129344.952	448995.956	668.632	155	
460671-BM1	5129421.655	448955.526	665.273	156	
100223-BM201	5129071.891	449057.064	671.046	157	
100223-BM202	5129067.201	449071.852	671.268	158	
100223-BM203	5129018.085	449060.996	671.697	159	
427903-CP1	5128380.865	449523.052	684.689	160	
427903-BM1	5128387.649	449502.251	684.115	161	ROUGH FIX
427903-BM2	5128364.819	449528.248	684.785	162	ROUGH FIX
427903-BM204					NOT FOUND
018303-BM201	5126698.676	449711.627	709.885	163	
018303-BM202	5126629.344	449743.322	711.703	164	
018303-BM203	5126601.461	449674.663	711.471	165	
038783-BM1	5126132.151	449562.264	718.357	166	
038783-BM2	5126156.387	449537.029	716.473	167	
038783-BM3	5126124.483	449476.005	719.308	168	
169855-CP201	5124367.172	449310.717	746.331	169	
169855-BM201	5124400.667	449329.665	745.739	170	
169855-BM204	5124376.819	449339.417	746.254	171	ROUGH FIX
169855-BM206	5124391.111	449289.5746	746.668	172	
169855-BM2					NO FIX
169855-BM205					NO FIX
345983-BM201	5122190.128	447806.812	787.293	173	
345983-BM202	5122152.757	447800.534	787.982	174	
345983-BM203	5122119.445	447844.319	787.854	175	
214911-BM201	5120777.153	446054.175	823.141	176	
214911-BM202	5120789.087	446066.214	822.901	177	
214911-BM203	5120787.713	446117.989	824.002	178	
214911-CP212	5120869.497	446157.204	822.162	179	
214911-CP213	5120897.218	446196.408	821.914	180	
214911-CP214	5120895.488	446228.071	821.377	181	
519039-BM201	5119942.487	444993.311	845.914	182	
519039-BM202	5119939.593	444982.743	846.357	183	
519039-BM203	5119949.639	444973.716	845.999	184	

007039-BM3	5119422.914	444230.169	861.723	185	
007039-BM204	5119555.914	444242.144	859.387	186	ROUGH FIX
007039-BM205	5119558.366	444223.067	860.469	187	
007039-BM1	5119342.658	444251.167	863.169	188	ROUGH FIX
007039-BM2					NO FIX
413951-BM1	5118593.696	444811.872	878.461	189	
413951-BM2	5118571.675	444793.559	878.506	190	
413951-BM3	5118568.208	444815.787	878.366	191	
339839-BM2	5139894.391	443203.498	503.294	192	
339839-BM206	5140041.629	443153.785	500.588	193	
274303-BM301	5139631.841	443333.438	505.097	194	
274303-BM303	5139583.974	443307.321	505.572	195	
274303-BM302	5139567.677	443334.164	505.692	196	
353323-BM303	5154144.891	411646.574	176.983	197	ROUGH FIX
353323-BM301	5154184.398	411601.744	176.497	198	
353323-BM302					NO FIX
222251-BM2	5153150.611	412407.474	185.821	199	
222251-BM301	5153158.962	412471.703	186.754	200	SET REBAR W/CAP
222251-BM1					NO FIX
222251-BM3					NO FIX
386091-BM3	5152612.447	412851.364	191.231	201	
386091-BM301	5152601.018	412916.156	191.323	202	SET REBAR W/CAP
386091-BM204					NOT FOUND
420019-BM303	5150582.289	417965.485	231.348	203	
420019-BM302	5150591.781	417932.226	224.252	204	
420019-BM301	5150595.668	417978.654	225.393	205	
481459-BM205	5150596.515	419251.753	230.602	206	
481459-BM204	5150578.608	419283.197	231.422	207	
481459-BM1	5150575.908	419314.494	231.721	208	
481459-BM3	5150626.009	419261.818	231.359	209	
481459-BM2					NOT ACCESSED
415923-BM303	5150578.998	420152.832	237.731	210	
415923-BM302	5150560.086	420132.553	238.669	211	
415923-BM301					NOT FOUND
057139-BM1	5149458.291	425156.804	276.041	212	
057139-BM2	5149377.599	425148.319	286.526	213	
057139-BM3	5149439.824	425126.771	283.801	214	
384819-BM301	5148937.438	425890.963	283.167	215	
384819-BM302	5148920.219	425924.365	284.276	216	

384819-BM303	5148949.196	425920.958	282.315	217	
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