

Compilation of site activity injection tables and links to analyses. Red injections were visible in DARM. Others did not appear to be (see links).

Injection	Time of first injection Aug. 12 UTC	Injection spacing (seconds)	Injection session duration and number of injection (seconds, number)
Truck (3808) horn at OSB receiving	15:09:00	5	30, 6
Truck (3808) horn at 2k electronics room building	15:13:00	5	30, 6
Truck (3808) sudden braking near 2k electronics building	15:16:00	5	30, 6
Quick human moves in the optics lab next to the input arm	15:23:00	5	60, 12
Human jumps in the change room	15:25:00	5	60, 12
Silver van horn, 2k electronics building area	17:04:00	5	30, 6
Silver van sudden brakes 2k electronics building area	17:05:00	5	30, 6
Silver van horn, high-bay area	17:08:00	5	30, 6
Silver van brakes high-bay area	17:10:00	5	30, 6
Car door slams, patio area	17:13:00	5	30, 6
Corolla car horn, parking area	17:16:00	5	30, 6

Analyses of injections in above table:

https://alog.ligo-wa.caltech.edu/aLOG/uploads/21054_20150831131337_Site_Anthropogenic_Noise_Injections_Followups.pdf

Injection	Time of first injection, UTC	Injection spacing	Total number of injections	Good channels for environmental signal
	Sept. 2			
Truck braking by EX station	22:56:00	5s	6	EY seismometers
	Sept. 3			
OSB shipping roll up door actuation	2:46:00 2:47:00	5s 5s	6 6	vertex seismometer output optics mic
Loud Bach in control room (2s bursts of music)	2:52:00	5s	12	input optics mic
Loud Underworld in control room (bass heavy)	2:55:00	5s	12	input optics mic
Single bounces on exercise/seating ball	2:57:00	5s	12	HAM2 seismometer, vertex seismometer
Bouncing large super ball off control room floor	2:59:00	5s	12	H1:PEM-CS_ACC_LVEAFLOOR_HAM1_Z
5 people jumping in synch in control room	3:01:00	5s	12	HAM2 seismometer, vertex seismometer

Analyses of injection in above table:

Injection	Time of first injection, UTC	Injection spacing	Total number of injections	Good channels for environmental signal
	Sept. 5			
crowd (10 people) walking randomly for 2 or 3s periods in control room	1:39:00	5s	12	HAM2 seismometer, vertex seismometer H1:PEM-CS_ACC_LVEAFLOOR_HAM1_Z
crowd (10 people) walking randomly in hall just outside control room	1:41:00	5s	12	same
External door near control room shutting by itself	1:44:00	5s	12	same
chair rolling in control room (most common chair)	1:46:00	5s	12	same
Single large steps in control room	1:50:00	5s	12	same
Airlock door (door to lab area near control room) shut by hand	1:52:00	5s	12	same
slamming office door (Shiela, Kiwamu, Me)	1:54:00	5s	12	same
hammer dropped from waist height in vacuum lab	1:59:00	5s	12	same
setting car battery down in OSB shipping area	2:02:00	5s	12	same
continuous bouncing for 5s on exercise/seating ball	2:07:00	10s	6	same

Analyses of injections in above table: