SiteID	Text Notes
OR_REF_1	Second growth forest, gravel road along one bank. 15N contamination of some
	samples.
OR_AGR_2	Deciduous gallery forest along stream, heavily grazed pasture on both sides.
	One recording sonde did not work during metabolism run.
OR_URB_1	Narrow gallery forest surrounded by parking lots, roads, campus buildings. Channel
	deeply incised with "hardpan" substrate at lower end of study segment.
	Huge temporary increase in stream discharge 4 hours after drip started; upstream
	wave research facility performed emergency emptying of wave tank (i.e., we had a
	tsunami at the stream site). 15N contamination of some samples.
OR_REF_2	500 year old coniferous forest, site of first LINX release in 1998
OR_AGR_2	Deciduous gallery forest, pasture and roads along stream; dead cow in creek below
	dripper, illegal water withdrawal below downstream most sampling point.
OR_URB_2	Downtown Eugene, Oregon. Stream completely lined with concrete, banks (really
	walls) of stream at least 5 meters high. Shopping carts, parts of bicycles,
	hypodermics common.
OR_REF_3	Predominantly alder riparian forest, industrial forest land. Heavy log truck traffic
	on road crossing upstream of isotope addition.
OR_AGR_3	Grass fields surround site, minimal riparian vegetation, dirt farm road along part of
	study segment.
OR_ORB_3	Park in downtown Albany, Oregon. Duck/goose pond immediately upstream of
	dripper site. Stream segment bordered by grass and concrete bike path. Heavy
	cover of macrophytes.
SW_AGR_2	No post-72 hour or post-1 week sampling due to flood.
SW_URB_2	shaded.
SW_AGR_1	Data from one metabolism sonde lost.
SW_URB_1	Data from metabolism limited to one sonde.
NC_AGR_1	Narrow, open stream in lightly-used cattle pasture. Blips in conservative tracer run
	(1 week prior to isotope) likely correspond to a washing machine discharging into
	the stream. Observed soap suds the night before the 15N injection.
MA_AGR_3	Beaver dam upstream of sample reach. Ag (small farm row crops- corn, squash,
	etc.) surround stream, but not all watershed in Ag. Problem with Plateau2
	sampling: tubing in drip solution lost end weight, so inlet came out of solution.
	Drip restarted, and then sampled 5 hours later. Unable to sample entire reach at
	that plateau. Suzanne Thomas concerned because NO3 concentrations change so
	much along the reach. Also, all chlorophyll samples lost, freezer problem.
MA_REF_3	Swampy site with beaver dam just upstream, lots of NH4 and low DO. This very
	shallow stream drains a swamp, and had very low DO; much of the O_2 production is
	likely from re-aeration. Probably high nitrification rate. There were abundant
	freshwater sponges present in the stream with bright green symbionts. Also, all
	chiorophyll samples lost, freezer problem.
	Forested stream surrounded by suburban nousing development. Major flood
	uuting ISN addition. The nows got so high the ISN container was knocked over
	and poured into stream. Flood caused by an upstream pond being lowered just
	prior to Plateau 1 sampling. Did second 6 nour 15N release after first attempt at
	Tuil injection nooded out. PRE samples are from before the flood, the one plateau

	was afterwards. No Br tracer data due to extreme dilution. Re-aeration data and
	benthic samples based on very different situations of flows, turbulence, etc. All
	chlorophyll samples lost in freezer incident.
MA_AGR_2	Narrow, open stream with row crops nearby. Local farm w/ CSA, not big AG. Small
	farm row crops in watershed. Forest along one side of stream at end of reach.
	Very mucky stream, likely lots of slow exchange between sediment & stream water.
MA_URB_2	Lovely forested stream behind homes in suburban Boston neighborhood. Old,
	large trees, but stream very flashy during rain events. NOTE: No plateau 1 data:
	drip tubing clogged up the debris in 15N container. Only sampled at Plateau #2.
	Drip off for approximately 5.5 hrs (estimated from volume of solution left over).
MA_AGR_1	Small farm cattle pasture in watershed. No chlorophyll data, samples lost.
MA_REF_1	Beaver dam upstream of reach. Low DO at top of reach. Forested all along reach.
MA_REF_2	Forested reach. Cobble-bottom. Riffly
MA_URB_1	Forested stream in suburban Boston neighborhood. Very shallow stream with
	deep FBOM bottom. Slow-moving. Very slow-moving stream. Few riffles. Thick,
	thick wader-sucking muddy stream bottom.
PR_AGR_1	Quebrada. Cattle, chickens, goats. Very open and sunny. Stream runs through
	mostly cow pasture, some horses on the land too. No riparian cover. Sandy
	bottomed stream very similar to our long term study sites in the Rio Icacos. Exists
	on a quarts diorite intrusion.
PR_URB_1	Petunia. Trees bordered stream which ran through a housing complex. Stream
	very incised. Evidence of occasional sewage overflow inputs to stream. In general,
	smelly stream. Only site in San Juan metro area. Mostly palm forest where exists.
	Stream very abundant in inverts and fish. Day 1, rained a little once again. Day 2,
	only security issues. Post 72, had a large rain since Post 24 sampling, which may
	have cleaned out some of our 15N.
PR_URB_2	M-Trib. Nasty, nasty stream. Overflowing sewage (from the prison up the hill)
	entering upstream of our reach. Dead chickens in stream and on bank behind cock
	fighting arena. Hypodermic needles found on several occasions. A gross stream,
	but we got great data! Urbanized tributary to Rio Mameyes, a well-studied river in
	LUQ LTER. Stream transects couple of small streets. Cock fighting rink near stream,
	losing roosters are dumped into stream to die & decompose. Found many bones in
	stream bottom. City sewage line must have clogged up, raw sewage poured out of
	a manhole and drained right into the stream right above our 15N experiment. Did
	not realize it until experiment was mostly over. Patterns in N clearly affected.
PR_AGR_2	Maizales. Banana plants, grass, horses, and houses along reach. Very little riparian
	cover, so very sunny. Nice stream, in general. 2 nd YSI (downstream) stolen.
PR_REF_2	Rio Icacos Trib (RIT). Sandy-bottom, low-gradient, high elevation stream. Small
	tributary to one of our long term study sites: Rio Icacos. Heavily forested, high
	elevation. Mostly Palo Colorado. Watershed on a quartz diorite intrusion, all
	streams are sandy bottomed.
PR_URB_3	Ceiba. Low-gradient, wide, cobbly stream. Urban stream in area not well studied.
	Good riparian cover. Stream transects highway upstream of experimental reach.
	Also transects 2 side streets within reach. Several houses along reach.
PR_AGR_3	Vaca. Thick mud around stream (cattle pasture). But stream itself is tree-lined and
	cobble-bottomed. Stream runs through cow pasture, but different than other 2
	AGR sites because has good riparian zone. Mostly bamboo with some palms.

PR_REF_3	Pared. A very steep-gradient stream. Boulders and cobble bottom. Small
	forested stream in LUQ LTER, not well studied however. Stream has higher width to
	depth ratio than most streams in forest.
PR_REF_1	Long term ecological study site in Bisley, LUQ LTER.
MI_REF_1	Sand Creek: Deciduous forest.
MI_AGR_1	Steinke Drain: Row crop agriculture with some tile drains.
MI_URB_1	DORR: Suburban parklike environment with turfgrass to edge of channel.
MI_REF_2	Bullet: Mature deciduous forest (military land).
MI_AGR_2	Buskirk: Row crop agriculture.
MI_URB_2	Wayland: Urban with parking lots and stormwater runoff.
	Honeysuckle: Deciduous forest (state recreation area); impoundment just upstream
MI_REF_3	(wetland restoration on military land).
MI_AGR_3	Bellingham: Dugout channel draining row crop agriculture; drained muck soils.
	Arcadia: Urban creek with stormwater runoff; LINX reach in school grounds with
MI_URB_3	turfgrass and parking lot.