



## Examples of LabBuild Filter and Replace Statements

### FILTER

FOR	DESCRIPTION
"03" \$ x_error	Show all records with an "03" error code
"02" \$ x_warn	Show all records with an "02" warning code
site_id = "MW"	Show all records where site_id starts with MW
samp_id # "DUP"	Show all records where sample id does not start with DUP
	Show all records (clears previous filters)
d_recover < 0	Show all records where d_recover is negative
val(right(res_type,1)) > 1	Show all records which are multiple result sets

### REPLACE

FIELD	WITH	FOR	DESCRIPTION
Site_id	left(samp_id,5)	res_class = "P"	Replace site id with the 5 leftmost characters of samp_id for all primary records
Site Id	substr(samp_id,3,5)	samp_id = "99MW-01"	Replace site id starting with the 3rd character of samp_id and return 5 characters when sample id = '99MW-01'
Samp_depth	val(right(trim(samp_id),3))	res_class = "P"	Replace sample depth with the 5 rightmost characters of samp_id for all primary records
SDG_Id	dtos(samp_date)	res_class = "P" or res_type="R"	Replace sdg_id with sample date for all primaries and rinsate blanks.
Received	ctod("09/05/1999")		Replace Received with Sept 5, 1999 for all displayed records
Res_type	D1+right(res_type,1)	"DUP" \$ samp_id	Change res_type to a primary duplicate if 'DUP' is in sample id
Samp_time	"09:40"	samp_id="DUP1"	Replace sample time with 9:40 for sample id = 'DUP1'
Blank_Id	""		Remove blank_id for all records
Res_class	"B"	"TRIP" \$ samp_id	Replace res_class with B (indicating a blank) if 'TRIP' is contained in sample id
dilution	1		Replace dilution with 1
is_surrog	.T.		Flag record as a surrogate
PF_code	"D"	"dissolved" \$ lab_chem	Replace preparation fraction code with D if lab chem has 'dissolved' in it

**NOTE:** a replace statement will only work on the records displayed. That is, if you ran a filter before the replace statement, only the records that are showing will have values replaced.